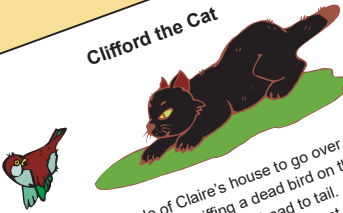




Grades K-5

Critical Thinking Puzzles

Clifford the Cat



¹Haley and Claire stepped outside of Claire's house to go over when they spotted Claire's family cat sniffing a dead bird on the was yellow and green and about 6 inches from head to tail. ²Claire called to her mom, "Mom, the cat glass back door." ³Haley bent down a few feet from the glass door to look at if Clifford killed it, why aren't there any bite marks or blood? ⁴Haley continued to look for evidence to try and figure out ⁵Haley, you can't always see bite marks or blood on a ⁶Haley usually doesn't take a lot of interest ⁷Haley usually doesn't take a lot of interest ⁸Haley usually doesn't take a lot of interest ⁹Haley usually doesn't take a lot of interest ¹⁰Haley usually doesn't take a lot of interest ¹¹Haley usually doesn't take a lot of interest ¹²Haley usually doesn't take a lot of interest ¹³Haley usually doesn't take a lot of interest ¹⁴Haley usually doesn't take a lot of interest ¹⁵Haley usually doesn't take a lot of interest ¹⁶Haley usually doesn't take a lot of interest ¹⁷Haley usually doesn't take a lot of interest ¹⁸Haley usually doesn't take a lot of interest ¹⁹Haley usually doesn't take a lot of interest ²⁰Haley usually doesn't take a lot of interest ²¹Haley usually doesn't take a lot of interest ²²Haley usually doesn't take a lot of interest ²³Haley usually doesn't take a lot of interest ²⁴Haley usually doesn't take a lot of interest ²⁵Haley usually doesn't take a lot of interest ²⁶Haley usually doesn't take a lot of interest ²⁷Haley usually doesn't take a lot of interest ²⁸Haley usually doesn't take a lot of interest ²⁹Haley usually doesn't take a lot of interest ³⁰Haley usually doesn't take a lot of interest ³¹Haley usually doesn't take a lot of interest

Boots and Her Kittens

January 2012						
SUN	MON	TUE	WED	THU	FRI	SAT
Happy New Year 1	School starts 2	3	4	5	6	7
8	9	10	11	12	13	14
15	Boots goes to vet 16	17	Dog to groomer 18	19	20	21
22	23	24	25	26	27	28
29	Kittens get shots 30	31				

¹Sarah's cat Boots gave birth to kittens. ²Three of the kittens were with little white paws just like Boots. ³The other two kittens, however, were white and had blue eyes. ⁴Sarah was surprised to see that all the white paws were male.

Assume all the statements and facts in the puzzle are true. Each sentence is True, False, or Unknown. Then write the sentence in the box that provides the best evidence for each truth value.

1. In January 2012 Boots gave birth to kittens at the McDonald Street Keaten Building.

_____ Sentence	<input type="checkbox"/> Picture
----------------	----------------------------------
2. When the kittens were born, three of them were white and had blue eyes.

_____ Sentence	<input type="checkbox"/> Picture
----------------	----------------------------------
3. Boots has blue eyes.

_____ Sentences	<input type="checkbox"/> Picture
-----------------	----------------------------------
4. On June 12th the kittens will be born.

Read the case below to find evidence to identify the innocent and guilty suspects. Remember, the story and suspects' statements are true.

The Boat Thief

¹On Friday afternoon, one of the four suspects below stole a dark blue and black speed boat on a trailer from the parking lot next to O'Neil Street at Godinez Lake. ²The owner had parked and left it there with a for-sale sign at 1 p.m. ³He returned to show someone the boat at 3 p.m. and discovered that it had been stolen. ⁴The police found the stolen boat and trailer parked on Gray Street, between Tate Street and Slyter Street. ⁵The boat was not connected to a vehicle, but there were four men standing around it. ⁶The boat owner questioned the four men who gave the statements below. ⁷None of the men knew each other or the boat owner. ⁸After listening to the statements, police arrested one of the suspects, who confessed to stealing the boat without anyone's help.



Dave Taft
¹⁰I saw the boat on the trailer at 1:30 p.m. ¹¹I then drove to my red home on McDonald Street across from the Keaten Building. ¹²I didn't leave my house until I walked to Gray Street and talked to the police.



Tom Zomerschoe
¹³I saw the boat in the parking lot, but I hate boating. ¹⁴When I left the lake, I drove down O'Neil, Slyter, Gray, Tate, Abbey, and McDonald streets. ¹⁵After I got to my home on the Baker, I walked back.



Matt Goucher
¹⁶I was at the lake this afternoon. ¹⁷The only thing I pulled with my car today was my new...



Ron G.
²⁰I...



?



Look at each pair of pictures. There's always two of a kind. Find how each pair is alike, then you'll know what to find.

ACTIVITY 10

DIRECTIONS: Fill in the chart using Y for yes or N for no as you solve the puzzle.

	A	B	C	D

Girls and their parents make up the Sanchez family. Write the last letter of each person's name. Write the color of her hair from her...

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“If we teach children everything we know, their knowledge is limited to ours. If we teach children to think, their knowledge is limitless.”

- Michael Baker, President

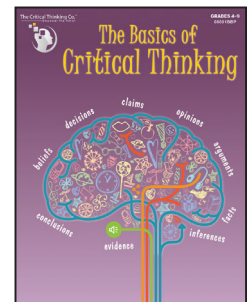
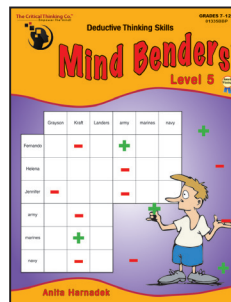
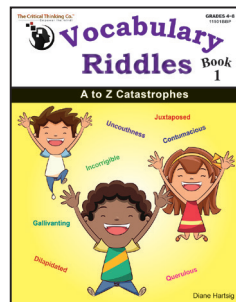
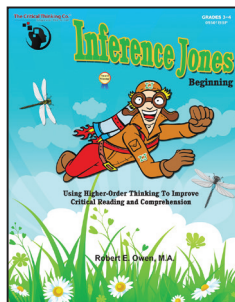
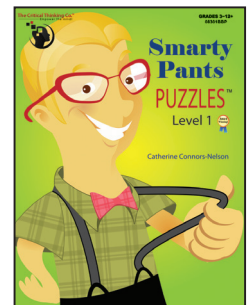
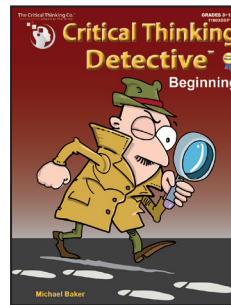
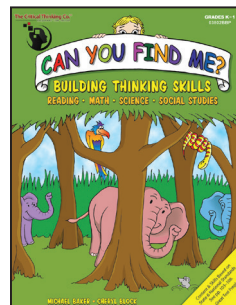
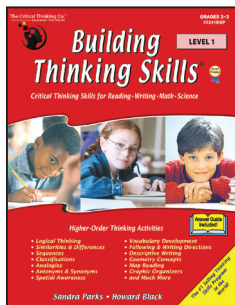
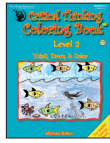


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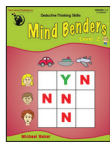
Can You Find Me? K-1 [1-2](#)
 Grades K-1



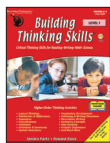
Critical Thinking Coloring Book Level 2 [3](#)
 Grades K-2



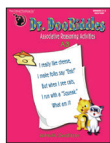
Mind Benders® Verbal [4](#)
 Grades K-2



Mind Benders® Level 2 [5](#)
 Grades 1-2



Building Thinking Skills® Level 1 [6](#)
 Grades 2-3



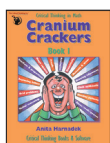
Dr. DooRiddles A3 [7](#)
 Grades 2-3



Dr. Funster's Think A Minutes A1 [8](#)
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Visual Perceptual Skill Building® Book 2 [9](#)
 Grades 2-3



Cranium Crackers Book 1 [10](#)
 Grades 3-4



Inference Jones: Beginning [11-12](#)
 Grades 3-4



Dr. Funster's Creative Thinking Puzzlers A1 [13-14](#)
 Grades 3-5



Smarty Pants Puzzles™ Level 1 [15](#)
Grades 3-12+



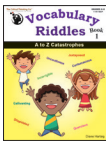
Critical Thinking Detective™ Beginning [16-17](#)
Grades 3-12+



Think-A-Grams A1 [18](#)
Grades 5-9



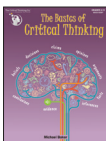
Dr Funster's Think A Minutes B1 [19](#)
Grades 5-9



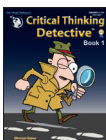
Vocabulary Riddles Book 1 [20](#)
Grades 4-8



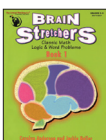
Dr. Funster's Visual Mind Benders® A1 [21](#)
Grades 3-4



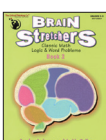
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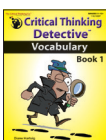
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Brain Stretchers Book 2 [27](#)
Grades 5-9



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Grades 5-12+

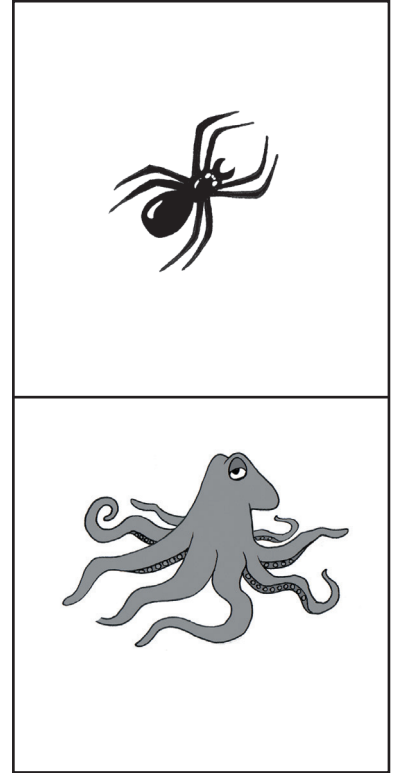
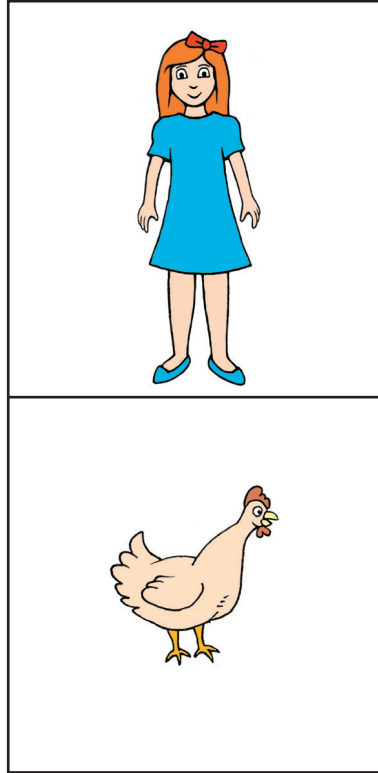
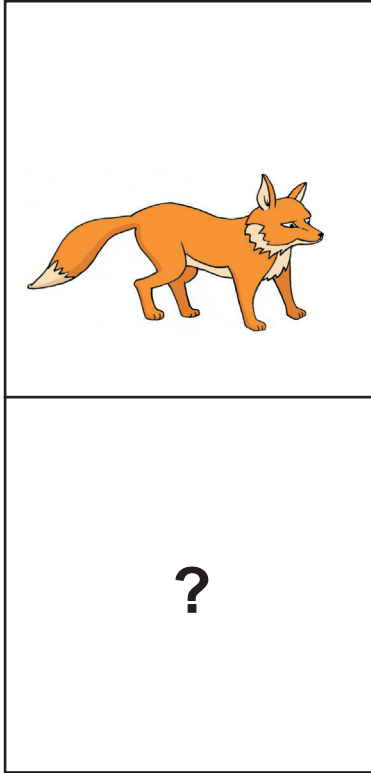
ANSWERS [30](#)

On the left is a big striped cat who always wears a purple hat.
On the right is a green and white frog who rides atop a shaggy dog.

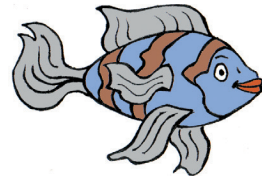
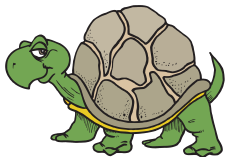
Of the four groups that you see,
which group must this one be?



For more puzzles of this type, go to www.criticalthinking.com/can-you-find-me-k-1.html.

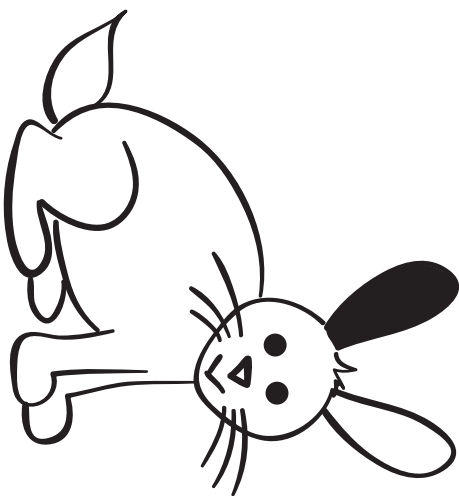
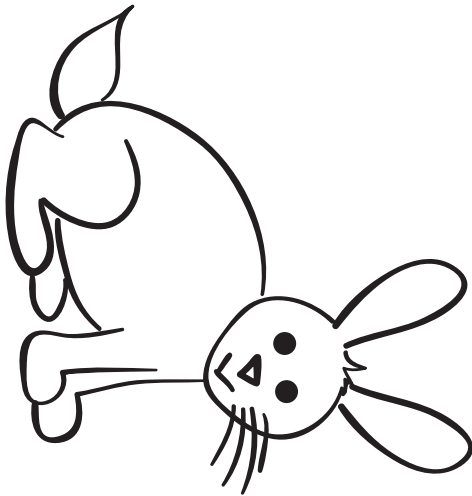
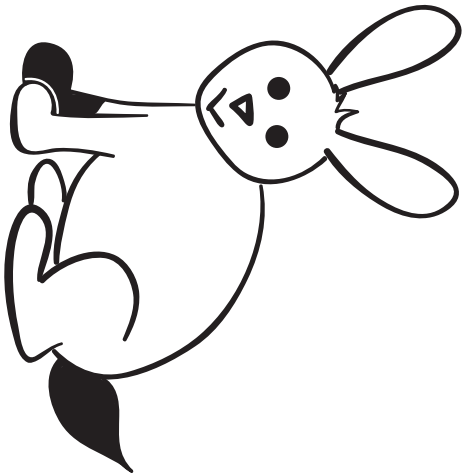
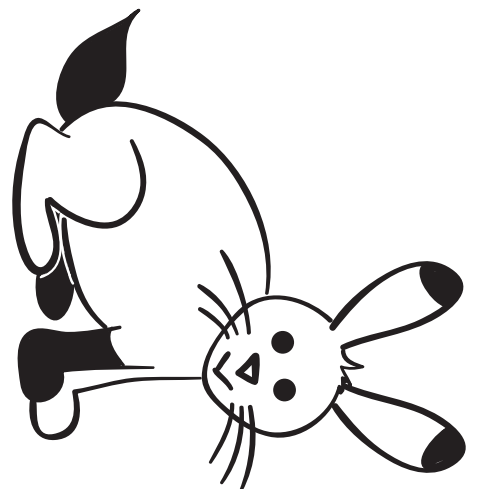
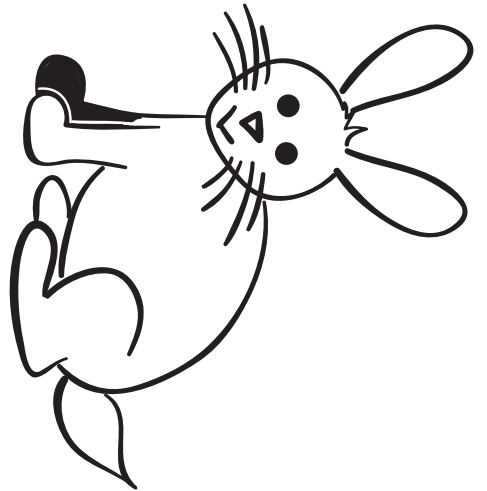
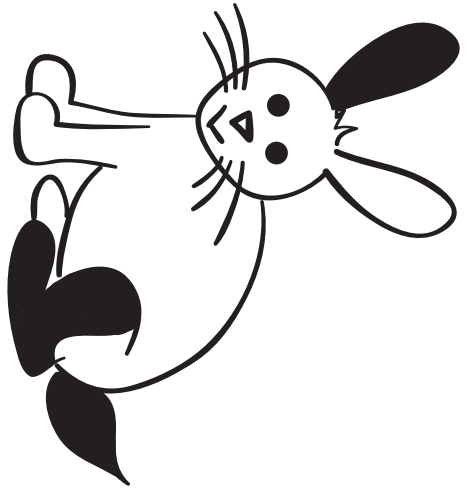


Look at each pair of pictures.
 There's always two of a kind.
 Find how each pair is alike,
 then you'll know what to find.



For more puzzles of this type, go to www.criticalthinking.com/can-you-find-me-k-1.html.

1. Look at each bunny above, then find its unfinished picture below. Use a pencil to draw in all the missing parts.



2. Circle the bunny that has two black-tipped ears.

3. Color the bunny that has a black tail and one black ear.

21. Mrs. Baker is Alyssa's mom. Mr. Baker is Alyssa's dad. Tim is Mr. and Mrs. Baker's son.

a. Can you tell from the story if Tim has a brother?

b. How is Alyssa related to Tim?

22. No birds have four legs. Barry is a bird.

a. Is it possible that Barry has four legs?

b. Is it possible that Barry cannot fly?

23. In Indiana, the corn is at least knee-high by the 4th of July. Suppose today's date is July 5th.

What follows from this?

DIRECTIONS: Fill in the chart using Y for yes or N for no as you solve the puzzle.

A B C D



	A	B	C	D
daughter (curly)				
daughter (straight)				
mom				
dad				

Two girls and their parents make up the Sanchez family. Find the first letter of each person's name.

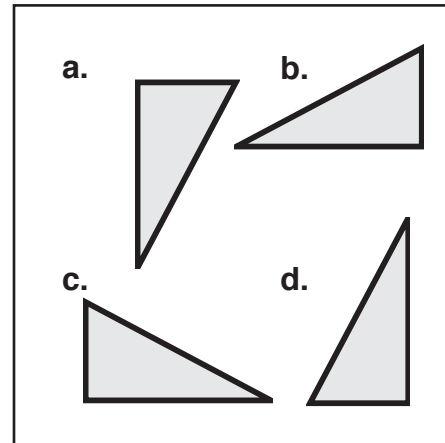
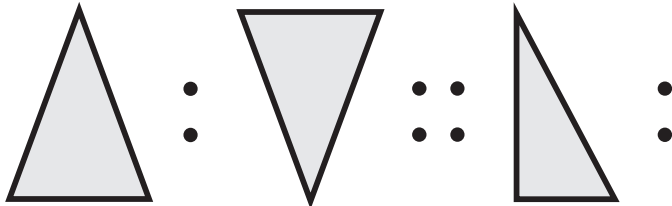
1. People say Dona gets her curly hair from her father, Carlos.
2. Anita is younger than Bonita but older than Dona.

For more puzzles of this type, go to www.criticalthinking.com/mind-benders-level-2.html.

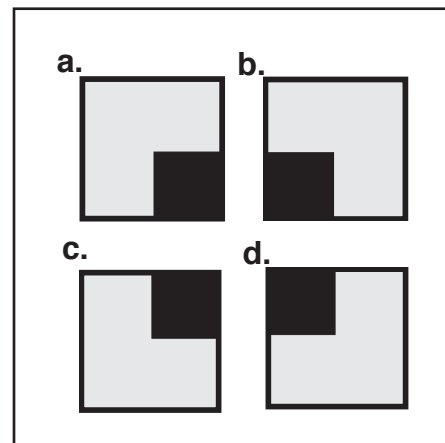
ANALOGIES WITH SHAPES—SELECT

DIRECTIONS: Circle the figure that completes the analogy.

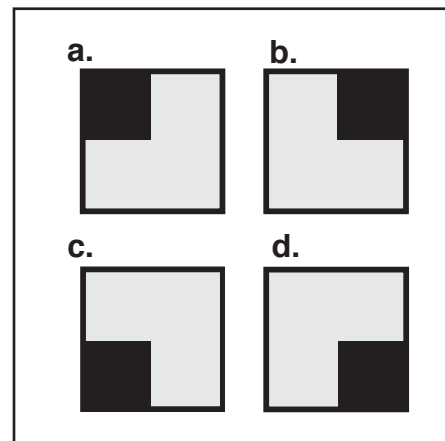
E-16



E-17



E-18



For more puzzles of this type, go to www.criticalthinking.com/building-thinking-skills-level-1.html.

I have a white shell,
That's easy to crack;
I'm good for breakfast,
Or even a snack.

What am I?

For fireplace or patio,
My red blocks will look nice;
The pig who built his house of me,
Sure made that wolf think twice.

What am I?

Another word for lad,
I'm younger than a man;
With cow I ride a horse,
With scout I lend a hand.

What am I?

Trains

DIRECTIONS: Draw and color or write in the color for the missing pattern blocks in each train.

B = Blue R = Red Y = Yellow

Add three more cars to the train, following the same pattern.

1. 

2. 

3. 

Fill in the blank spaces of the train, following the same pattern.

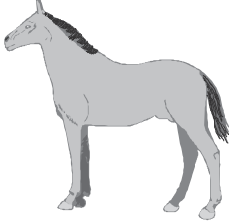
4. 

For more puzzles of this type, go to www.criticalthinking.com/dr-funsters-think-a-minutes-a1.html.

FINDING THE MATCHING SHAPE

DIRECTIONS: Match the shape at the top to a form on the bottom row. The match must be the same size, color, and orientation.


7



A B C D

Four identical gray horses are shown in profile, facing left, labeled A, B, C, and D.

8



A B C D

Four dark gray sedans are shown from a side profile, facing right, labeled A, B, C, and D. Option C has a small flag on its roof.

For more puzzles of this type, go to www.criticalthinking.com/visual-perceptual-skill-building-book-2.html.

Reference

Critical Thinking, Book 1

Inductive Thinking Skills

REARRANGE LETTERS

DIRECTIONS

Use the letters at the top to fill in the chart so that words are formed and the sentence makes sense.

A shaded space in the chart shows the end of a word.

Except for the last line, the end of a line is not the end of a word unless there is a shaded space there.

When you have filled in the chart, answer the question asked.

PROBLEM

27.

H	O	H	M	E	E	C	H	I	I	E	S	F	I	E	E
	T	I	R	E	S		T	W	M	S	T	I	M	V	O
	T	W		M	U		T		O				T	W	S

For more puzzles of this type, go to www.criticalthinking.com/cranium-crackers-book-1-ebook.html.

5. The Old House

¹Everyone always stayed away from the old red and yellow house on the corner of our block. ²Some people said that a mean old woman lived there. ³Others claimed that they had seen a man on the porch surrounded by hundreds of cats.

⁴Sometimes on the way home from school, my best friend, Jason, would sneak up to the house, ring the doorbell, and run. ⁵Well,

one windy day, Jason quietly tiptoed up to the front door and accidentally stepped on a squeaky board on the front porch. ⁶He stopped, looked at me, and then took a few more steps toward the doorbell. ⁷SWOOSH!!! ⁸The screen door swung open and slammed hard against the front wall of the house. ⁹Jason froze; he didn't move a muscle. ¹⁰The rest of us ran down the street as fast as our feet could take us.



Circle **T** if you are certain this sentence is true. Circle **F** if you are certain it is false. Circle **U** if it is unknown because you need more information. Add the sentence number(s) on the line that best supports your true or false answer.

1. Jason saw the mean, old woman. T ____, F ____, or U
2. It was a windy day. T ____, F ____, or U
3. The old house is not blue. T ____, F ____, or U

Write the answer on the lines given or circle the letter next to the correct answer(s).

4. Give at least 2 reasons why the screen door could have swung open.

5. Which two words best describe Jason's character?
 - a. furious, funny
 - b. disrespectful, uncaring
 - c. polite, generous
 - d. kind, patient

6. In sentence 9, infer what “froze” means.
- a. He stopped.
 - b. He got cold.
 - c. He turned into an ice cube.
 - d. none of the above
7. Which best describes the kind of story this is?
- a. non-fiction
 - b. fairy tale
 - c. comedy
 - d. mystery/suspense

Circle **PT** for probably true or **PF** for probably false. Be sure to supply the best evidence that supports your answer: sentence number(s) and/or personal knowledge.

8. The group of kids didn’t get scared when the screen door swung open.

PT or PF Sentence _____

Personal knowledge: _____

9. This story happened on a Saturday morning.

PT or PF Sentence _____

Personal knowledge: _____

SECRET WORD PUZZLES

9. Use each list of clue words to find a three-letter solution word. Beside each clue word is the number of letters that word has in common with the solution. Write the solution in the blank beneath the column. (The solution is a real word. It is not a person's name. It has no repeating letters.) For more information, see page 40.

a. T O N (0) b. S A D (0) c. B E G (0)

 F O X (2) F O X (2) F I R (2)

 I T S (1) A R E (1) D U E (1)

 F U N (1) F U N (1) F I N (1)

 S I X (2) R O T (2) R U N (2)

LINE PUZZLES

25. Use the clues to solve each puzzle. For more information, see page 42.

a. Ron, Betsy, and Jurgen were the only ones waiting in line at a drinking fountain.

- 1) The boys were not standing next to each other.
- 2) Jurgen was ahead of Betsy.

Who was last in line? _____

b. Nick Reynaldo; his younger sister, Conchetta Reynaldo; and his friend Ray Wilson were all of different heights.

- 1) The tallest person was not named Reynaldo.
- 2) Nick was taller than Conchetta.

Who was the shortest? _____

c. Al, Rick, Karl, and Boris all missed some days of school last week because of illness.

- 1) Al missed more days than Boris.
- 2) Karl missed the most number of days.
- 3) Boris missed more days than Rick did.

Who missed the least number of days? _____

Boots and Her Kittens

January 2012						
SUN	MON	TUE	WED	THU	FRI	SAT
Happy New Year 1	School starts 2	3	4	5	6	7
8	9	10	Dentist 11	Kittens born 12	13	14
15	Boots goes to vet 16	17	Dog to groomer 18	19	20	21
22	23	24	25	26	27	28
29	Kittens get shots 30	31				

¹Sarah's cat Boots gave birth to five kittens. ²Three of the kittens were black with little white paws just like Boots. ³The other two kittens, however, were white and had blue eyes. ⁴Sarah was surprised to see that all the kittens with white paws were male.

Assume all the statements and facts in the puzzle are true. Write whether each sentence is **True**, **False**, or **Unknown**. Then write the sentence number(s) and/or check the box that provides the best evidence for each true or false answer.

_____ 1. In January 2012 Boots gave birth to kittens at 12:07 a.m.

_____ Sentence

Picture

Caption

_____ 2. When the kittens were born, three of them looked like Boots.

_____ Sentence

Picture

Caption

_____ 3. Boots has blue eyes.

_____ Sentences

Picture

Caption

_____ 4. On June 12th the kittens will be six months old.

_____ Sentence

Picture

Caption

_____ 5. None of the kittens are female.

_____ Sentences

Picture

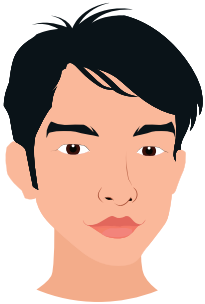
Caption

For more puzzles of this type, go to www.criticalthinking.com/smarty-pants-puzzles-level-1.html.

Read the case below to find evidence to identify the innocent and guilty suspects. Remember, the story and suspects' statements are true.

The Boat Thief

¹On Friday afternoon, one of the four suspects below stole a dark blue and black speed boat on a trailer from the parking lot next to O'Neil Street at Godinez Lake. ²The owner had parked and left it there with a for-sale sign at 1 p.m. ³He returned to show someone the boat at 3 p.m. and discovered that it had been stolen. ⁴The police found the stolen boat and trailer parked on Gray Street, between Tate Street and Slyter Street. ⁵The boat was not connected to a vehicle, but there were four men standing around it. ⁶A witness said she was certain that one of the four men around the boat dropped it off. ⁷Police questioned the four men who gave the statements below. ⁸None of the men knew each other or the boat owner. ⁹After listening to the statements, police arrested one of the suspects, who confessed to stealing the boat without anyone's help.



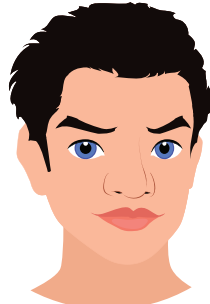
Dave Taft

¹⁰I saw the boat on the trailer at 1:30 p.m. ¹¹I then drove the short distance to my red home on McDonald Street across from the Keaten Building. ¹²I didn't leave my house until I walked to Gray Street and talked to the police.



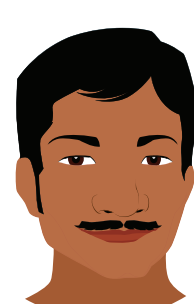
Tom Zomerschoe

¹³I saw the boat in the parking lot, but I hate boating. ¹⁴When I left the lake, I drove down O'Neil, Slyter, Gray, Tate, Abbey, and McDonald streets. ¹⁵After I got to my home in the Baker Building, I walked north back to Gray Street.



Matt Goucher

¹⁶I was at the lake this afternoon. ¹⁷The only thing I pulled with my car today was my new boat. ¹⁸I parked my boat in front of the August Building. ¹⁹After that, the only time I was north of Slyter Street was when I was walking.

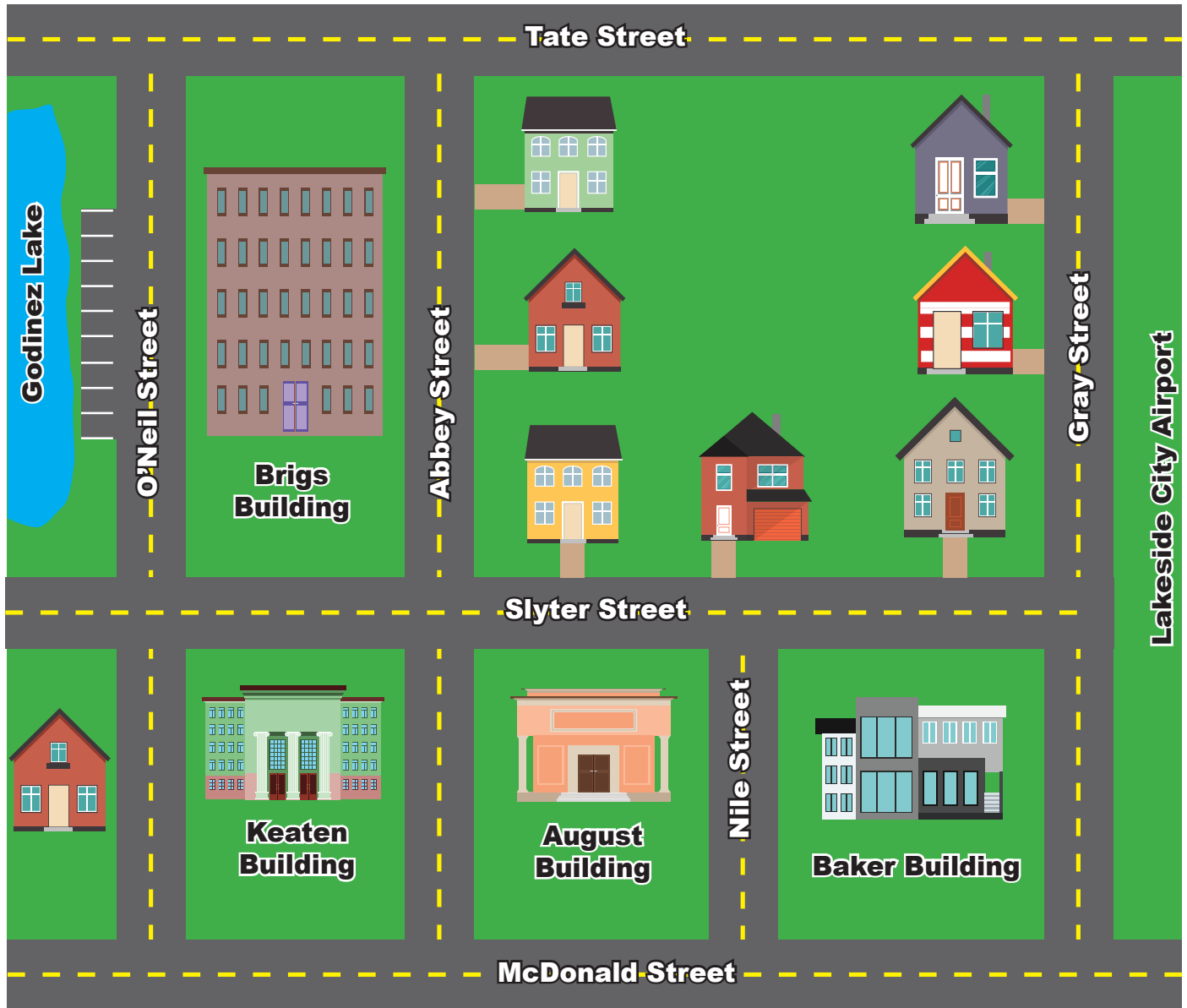


Ron Crowder

²⁰I only towed one boat today. ²¹It was light blue and black, and I parked it on Gray Street in front of another boat. ²²Next, I started comparing the two boats, and that is when the police showed up.

Circle the Boat Thief.

The Boat Thief

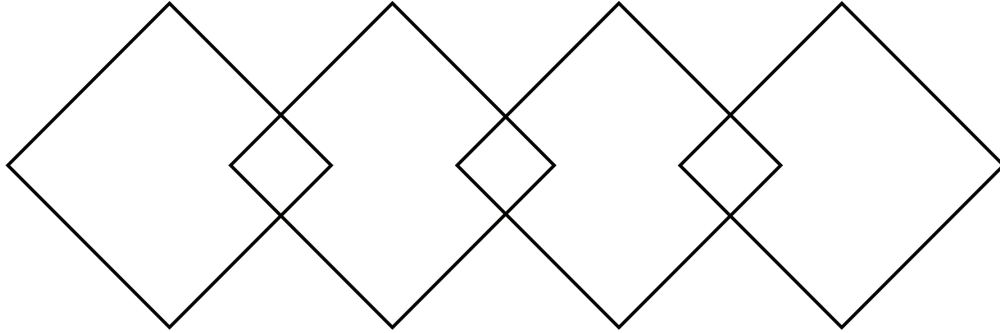


For more puzzles of this type, go to www.criticalthinking.com/critical-thinking-detective-beginning.html.

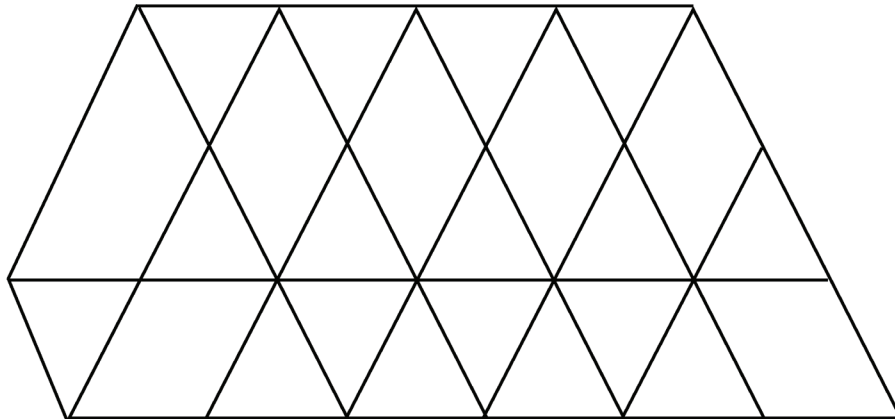
DARE
DARE

Figure This! *

1. How many squares can you find in this figure? _____



2. How many triangles can you find in this figure? _____



For more puzzles of this type, go to www.criticalthinking.com/dr-funsters-think-a-minutes-b1.html.


A's arrant asperity made him alienated and abhorred.

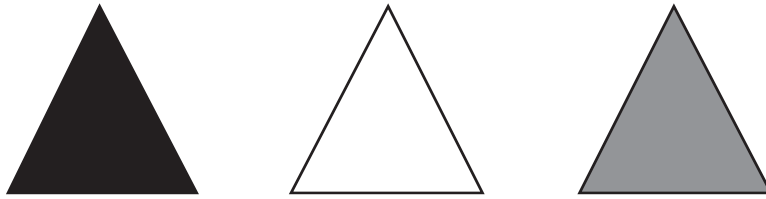
1. Which word means "to feel hatred or loathing for?" _____
2. "Unmitigated" is a synonym for which word? _____
3. "Amiability" is an antonym for which word? _____
4. Which word means "to make isolated?" _____
5. "Abhorred" is used as what part of speech? noun verb adjective adverb
6. Choose the sentence that best decodes the riddle.
 - a. A's undue loudness made him unpopular and deplored.
 - b. A's extreme harshness made him estranged and resented.
 - c. A's absolute bitterness made him miserable and detested.
 - d. A's profound ignorance made him disillusioned and despised.


Despite the admonishments, an audacious A ambled into the abyss.

1. Which word means "a scolding or rebuke?" _____
2. "Chasm" is a synonym for which word? _____
3. "Yielding" is an antonym for which word? _____
4. Which word means "to walk or move at a slow pace?" _____
5. "Audacious" is used as what part of speech? noun verb adjective adverb
6. Choose the sentence that best decodes the riddle.
 - a. In spite of the warning, anxious A wandered into the hole.
 - b. With no regard to the directions, senseless A bounded into the emptiness.
 - c. Disregarding the lecture, shameless A romped into the confusion.
 - d. In defiance of the advice, brash A strolled into the crevasse.

For more puzzles of this type, go to www.criticalthinking.com/vocabulary-riddles-book-1.html.

1.



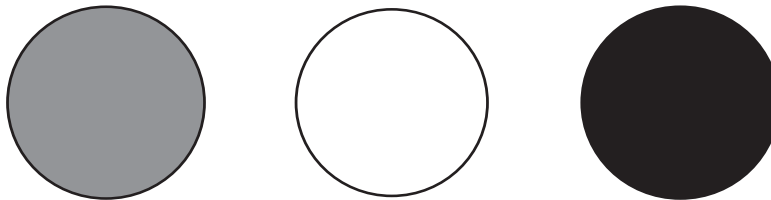
1 – 1

One of the triangles is in the solution, and it is in the same location.



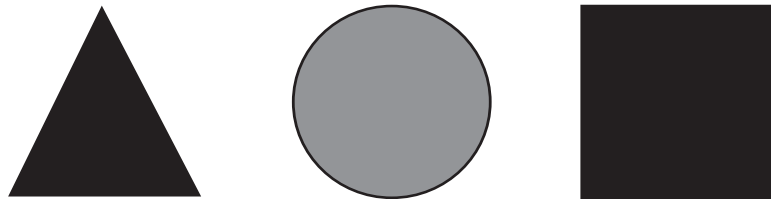
1 – 1

One of the squares is in the solution, and it is in the same location.



1 – 1

One of the circles is in the solution, and it is in the same location.



2 – 1

Two of the figures are in the solution, but only one is in the same location.

SOLUTION



Clifford the Cat

¹Haley and Claire stepped outside of Claire’s house to go over to the youth center when they spotted Claire’s family cat sniffing a dead bird on the ground. ²The bird was yellow and green and about 6 inches from head to tail. ³It was lying close to the glass back door. ⁴Claire called to her mom, “Mom, the cat killed a bird.”

⁵Haley bent down a few feet from the glass door to look at the dead bird. ⁶“Claire, if Clifford killed it, why aren’t there any bite marks or blood on the bird?” Haley asked. ⁷Haley continued to look for evidence to try and figure out what might have happened.

⁸“Haley, you can’t always see bite marks or blood on a bird because of all the feathers. ⁹Clifford usually doesn’t take a lot of interest in hunting birds, but maybe he was hungry,” answered Claire.

¹⁰Haley stood up for a moment as she continued to think. ¹¹She finally looked straight at Claire and exclaimed, “I know what happened! ¹²Clifford is innocent! ¹³Claire, remember the mysterious knock earlier this morning? ¹⁴You went to see who was at the door, but no one was there. ¹⁵I think this bird tried to fly through the glass door and broke his neck when he hit the glass.”

¹⁶“Wow, you are an awesome detective, but how did you figure it out?” asked Claire.

¹⁷“I was sitting in the living room at our house about a year ago when a bird hit the front window. ¹⁸The impact made quite a noise and I found the bird standing on the ground. ¹⁹He was knocked silly and couldn’t fly for a few moments, but eventually was able to fly away. ²⁰I don’t think this bird was so lucky,” explained Haley.

Using complete sentences, explain what Haley knew that helped her evaluate the evidence better than Claire.

Read the story and then mark each statement Fact, PT (probably true), or PF (probably false). Finally, explain why the claim fits the category you chose.

Yard Work



Mr. Lopez agreed to pay Raul \$10 each time he mowed the lawn and \$10 each time he completely weeded all his gardens. After two weeks, Mr. Lopez paid Raul \$30 for the work he agreed to pay in this agreement.

1. _____ Raul earned all the money weeding.

2. _____ Mr. Lopez paid Raul for mowing his lawn or weeding his gardens or both.

3. _____ Most of the money that Mr. Lopez paid Raul was for mowing his lawn.

4. _____ Raul worked for Mr. Lopez after they made their agreement.

For more puzzles of this type, go to www.criticalthinking.com/the-basics-of-critical-thinking-book.html.

Read the case below to find evidence to identify the innocent and guilty suspects. Remember, the story and suspects' statements are true.

The Bath Robe Thief

¹Today, police in the City of Bandon arrested one of the four men shown below for stealing a bath robe from a clothing store. ²The theft took place on Saturday, June 15, between 4 p.m. and 5 p.m. ³All four suspects visited the store during that time. ⁴The owner said he waited on and sold items to Baker and Giss. ⁵Giss said he didn't see any socks in the store with a good price. ⁶O'Bryan said he was not the last suspect to leave the store. ⁷One witness saw the thief stuff the robe under his clothing. ⁸The witness also told police that he didn't see the thief's face, but he was short. ⁹Another witness to the theft said the thief wore glasses. ¹⁰The arrest of the suspect, and his later confession, happened in the early evening the day of the theft. ¹¹The all blue and white robe was found in his apartment and returned to the store.



Michael Baker

¹²I bought a robe and some pants at the store. ¹³I left with those items in a bag they gave me.



Darin O'Bryan

¹⁴The owner of the store and I are friends, and the stolen robe was never in my apartment.



John Nicolaus

¹⁵I left the store with only two items. ¹⁶Both items were partly green.



Steve Giss

¹⁷I stopped at the store to buy some socks on the way to my house.

The Innocent

Use complete sentences and sentence numbers to describe the best evidence for your conclusions.

_____ (suspect name)

_____ (suspect name)

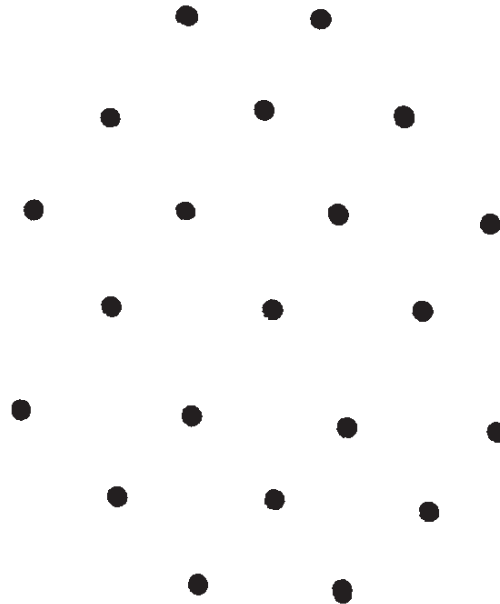
_____ (suspect name)

The Bath Robe Thief

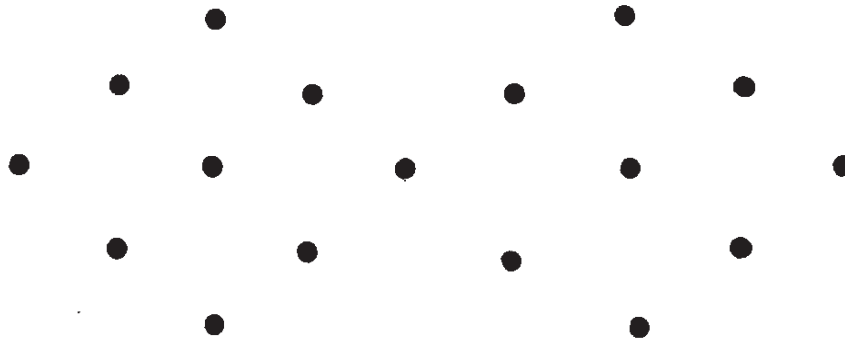
_____ (suspect name)

For more puzzles of this type, go to www.criticalthinking.com/critical-thinking-detective-book-1.html.

Using only eight lines, see if you can cover the dots below. Here are the rules: do not lift your pencil, trace each line only once, and touch each dot only one time!

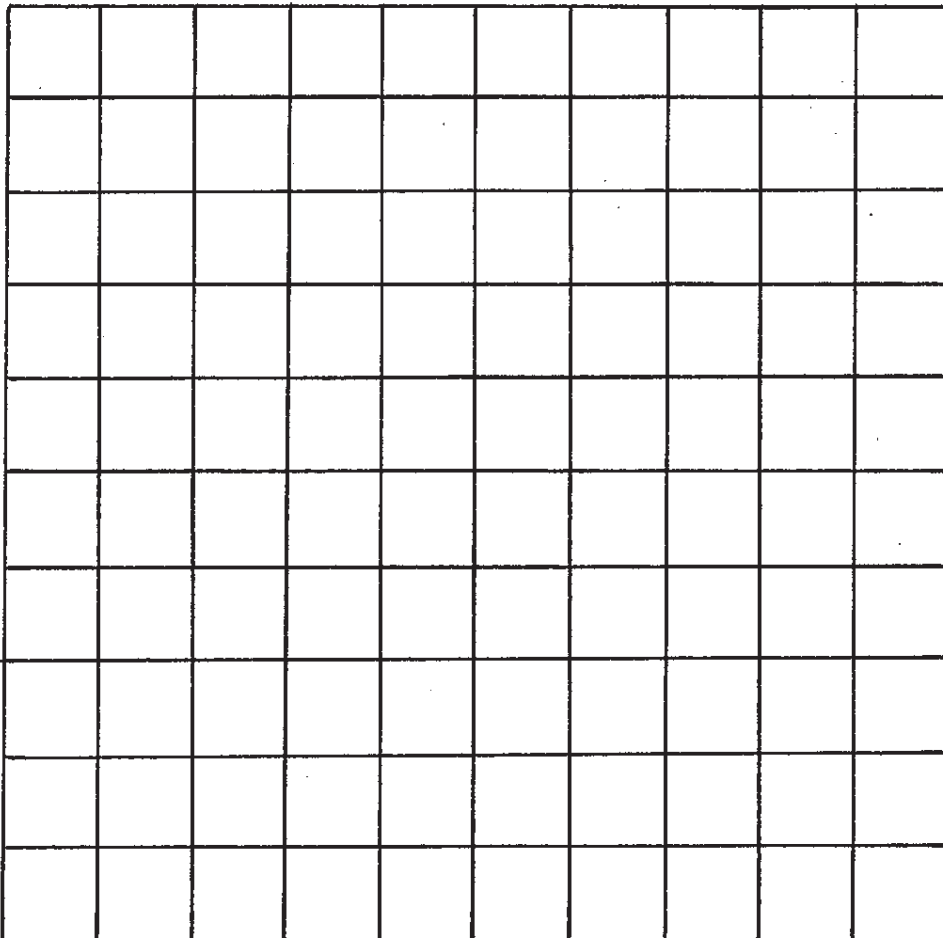
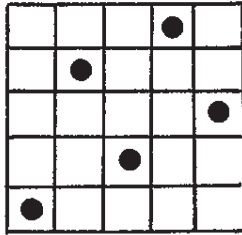


The dots below can be covered using seven and only seven lines. See if you can do it without lifting your pencil, without tracing a line more than once, and without touching a dot more than once.



Place 10 dots in the following 10X10 figure so that there will be no more than one dot per row, column, or diagonal.

Example: Place 5 dots in the following 5X5 figure so that there will be no more than one dot per row, column, or diagonal.



For more puzzles of this type, go to www.criticalthinking.com/brain-stretchers-book-2-ebook.html.

Read the mystery below to find evidence to identify the innocent and guilty suspects. Remember, the story and suspects' statements are true.

The Cunning Customer

¹On December 1 of this year, Jennison City Police investigated the theft of a bracelet from Jennison's Fine Jewelry. ²The bracelet disappeared between 4 p.m. and 5 p.m. from a display on the jewelry counter. ³Police interviewed four witnesses. ⁴The first witness said the thief was not a devout customer of the store. ⁵The second witness said the theft transpired while the sales associate heeded a persnickety customer's tirade. ⁶A third witness said the sales associate abetted the thief before she attended to the exacting customer.

⁷Police took the statements from the four suspects listed below. ⁸After weighing the evidence, police arrested one of the suspects, who later confessed, and police retrieved the bracelet from her possession later that day.



Margaret Mathers

⁹"I was interested in some jewelry but deferred my own questions to the staff until the fastidious customer finished her rant. ¹⁰I saw Helen Speath enter the store amid the harangue."



Helen Speath

¹¹"The store is not a haunt of mine. ¹²I was looking for a gift and came to the store based on the recommendation of a co-worker. ¹³I have no convictions about the harried sales associate who left my queries unresolved."



Anna Knox

¹⁴"I am a stalwart fixture in the store and recommended it to my friend, Margaret Mathers. ¹⁵Since then, she has become an inveterate patron."



Angela Payne

¹⁶"I sporadically shop in the store. ¹⁷I found the sales associate to be obliging even though the store was bustling. ¹⁸I can attest to the moiling attention the finicky customer necessitated."

Based on the evidence, circle the suspect who is the Cunning Customer.

Critical Thinking Detective™-Vocabulary Book 1

After solving the case, write the best vocabulary word to complete each sentence. Each word can only be used once.

abet	harangue	persnickety	devout	exacting
fastidious	query	bustling	inveterate	necessitate
obliging	attest	heed	stalwart	transpire
amid	harried	sporadically		

1. During the summer, the beach is _____ with tourists.
2. The _____ host provided us with excellent accommodations.
3. The _____ fan never misses a basketball game.
4. The collector saw the treasures _____ the junk.
5. The impressive trophy _____ a custom-built case.
6. Please direct all _____ to the information desk.
7. The guide advised the tourists to _____ all posted signs.
8. The architect prepared multiple designs for the _____ client.
9. _____ habits can be difficult to break.
10. Pop-up rain showers happen _____ without warning.
11. The loud _____ drew stares from bystanders.
12. The clueless substitute unknowingly _____ the class troublemaker.
13. After a barrage of questions, the speaker became _____.
14. I can _____ to the applicant's strong work ethic.
15. The event _____ while I was absent.

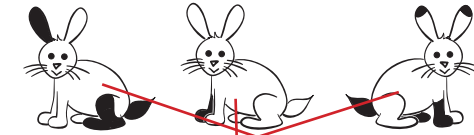
For more puzzles of this type, go to www.criticalthinking.com/critical-thinking-detective-vocabulary-book-1.html.

Answers

Can You Find Me? K1 (p. 1)
group in lower left box

Can You Find Me? K1 (p. 2)
turtle (number of legs)

Critical Thinking Coloring Book Level 2 (p. 3)



1. Look at each bunny above, then find its unfinished picture below. Use a pencil to draw in all the missing parts.







2. Circle the bunny that has two black-tipped ears.
3. Color the bunny that has a black tail and one black ear.

Mind Benders® Verbal (p. 4)

21. a. No
b. Alyssa is Tim's sister.
22. a. No
b. Yes, Barry could be a baby bird, an ostrich, or a bird with a broken wing.
23. The corn in Indiana is at least knee-high.

Mind Benders® Level 2 (p. 5)

	A	B	C	D
	N	N	N	Y
	Y	N	N	N
	N	Y	N	N
	N	N	Y	N

Building Thinking Skills® Level 1 (p. 6)

E-16

E-17

E-18

Dr. DooRiddles A3 (p. 7)

egg
brick (s)
boy

Think A Minutes A1 (p. 8)

Trains

DIRECTIONS: Draw and color or write in the color for the missing pattern blocks in each train.

B = Blue R = Red Y = Yellow

Add three more cars to the train, following the same pattern.

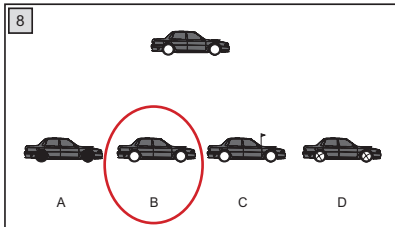
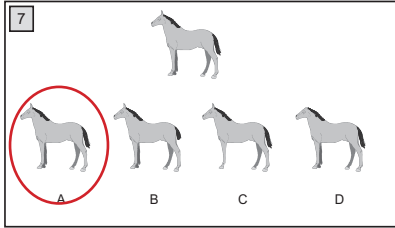


Fill in the blank spaces of the train, following the same pattern.



Visual Perceptual Skill Building® Book 2

(p. 9)



Cranium Crackers Book 1 (p. 10)

How much is five times two times three times two? (60)

Inference Jones: Beginning (pp. 11-12)

1. U; There is no evidence in the story that Jason ever saw the mean, old woman; in fact, there is no evidence that she even lived at the old house.
2. T; 5
3. T; 1
4. The wind, the old woman, or the man could have opened the door. (Other answers with logical explanations are acceptable.)
5. b; 4
6. a
7. d
8. PF; 10
9. PF; 4; While we do not know for sure whether or not this story happened on Saturday, it probably did not. Sentence 4 explains that sometimes after school, Jason would ring the doorbell of the old house. Sentences 6 and 10 indicate he was on the porch about to ring the doorbell when the front door swung open, and everyone ran away. It is probably true then that this happened on a school day.

Dr. Funster's Creative Thinking Puzzlers A1

(p. 13)

- a. FIX
- b. FOR
- c. FUR

Dr. Funster's Creative Thinking Puzzlers A1

(p. 14)

- a. Ron
- b. Conchetta
- c. Rick

Smarty Pants Puzzles™ Level 1 (p. 15)

1. U; There is not enough evidence. While Boots gave birth to kittens in January 2012, we do not know what time this occurred.
2. T; 2; Three of the kittens had black fur with white paws "just like Boots." This means that Boots also had black fur with white paws.
Thus, the kittens looked like Boots. Note that the statement does not say that the kittens looked exactly like Boots, meaning identical in every aspect.
3. U; There is not enough evidence. We are not told the color of Boots's eyes. Just because two of the kittens have blue eyes does not mean that Boots also has blue eyes.
4. F; picture; The kittens were born on January 12th. June 12th occurs five months later. So the kittens would be five months old on June 12th, not six months old.
5. T; 2, 3, 4; All of the kittens are male. We are told that all the kittens with white paws are male (sentence 4), and since all the kittens have white paws (sentences 2 and 3), all the kittens must be male.

Critical Thinking Detective™ Beginning
(pp. 16-17)



Dave Taft



Tom Zomerschoe



Matt Goucher



Ron Crowder

The Innocent

Dave Taft: In sentence 4, we learn that the stolen boat was found parked on Gray Street. Sentence 11 tells us that Taft left the lake and drove the shortest distance to his home on McDonald Street across from the Keaten Building. The shortest driving route to Taft's home would not take him to Gray Street where the boat was found. In sentence 12, Taft tells us that once he got home, he did not leave his home until he walked to Gray Street and talked to the police. In sentence 9, we learn that the thief confessed to stealing the boat without anyone's help. This proves Dave Taft is innocent.

Matt Goucher: In sentence 4, we learn that the stolen boat was found parked on Gray Street. In sentence 19, we learn that Goucher never drove north of Slyter Street the day of the theft. In sentence 9, we learn that the thief confessed to stealing the boat without anyone's help. This proves Matt Goucher is innocent.

Ron Crowder: In sentence 1, we learn that the stolen boat is dark blue and black. In sentence 20, we learn that Crowder only towed one boat today. In sentence 21, we learn that the boat he towed was light blue and black. This proves Ron Crowder is innocent.

The Boat Thief

Tom Zomerschoe is the boat thief because the other suspects can be proven innocent and sentence 9 tells us that the thief was one of the four suspects. In addition to this evidence, sentence 14 tells us that Zomerschoe drove down Gray Street after leaving the lake.

Note: In sentence 13, Zomerschoe tells police that he hates boating, but that does not prove he didn't steal the boat. He might hate boating but stole the boat so he could sell it or trade it for something.

Think-A-Grams A1 (p. 18)
Double Dare

Dr. Funster's Think A Minutes B1 (p. 19)
1. 7
2. 36

Vocabulary Riddles Book 1 (p. 20)

1. abhorred
2. arrant
3. asperity
4. alienated
5. adjective
6. b. A's extreme harshness made him estranged and resented.

1. admonishments
2. abyss
3. audacious
4. ambled
5. adjective
6. d. In defiance of the advice, brash A strolled into the crevasse.

Dr. Funster's Visual Mind Benders® A1
(p. 21)

1. 

The Basics of Critical Thinking (p. 22)

Sample answer: Haley remembered the mysterious knock earlier that morning. She realized that the knock was the sound of the bird hitting the glass door, which caused its death.

The Basics of Critical Thinking (p. 23)

1. PF. It is possible, but not very likely, that Mr. Lopez needed his gardens weeded three times in two weeks, but didn't need his lawn cut in two weeks.
2. Fact. This has to be true since the money was the result of their agreement and each job in the agreement pays \$10.
3. PT. This is probably true because grass usually grows faster than weeds and most people mow their grass more often than they weed their garden, but it is possible that Mr. Lopez had Raul weed his garden twice and mow his lawn once.

4. Fact. This is has to be true because the story says that Mr. Lopez paid Raul \$30 for work he agreed to pay in the agreement two weeks after the agreement.

Critical Thinking Detective™ Book 1
(pp. 24-25)



The Innocent

Darin O'Bryan: Sentence 11 states that stolen robe was found in the thief's apartment. In sentence 14, O'Bryan says that the stolen robe was never in his apartment. This eliminates Darin O'Bryan.

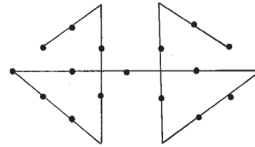
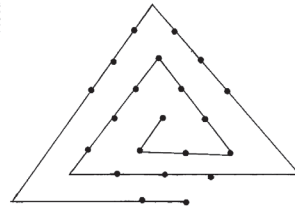
John Nicolaus: Sentence 11 states that the stolen robe was blue and white, and in sentences 15 and 16, Nicolaus says he left the store with items that were partly green. An object that is all blue and white cannot also be partly green. This eliminates John Nicolaus.

Steve Giss: Sentence 11 states that stolen robe was found in the thief's apartment. In sentence 17, Giss says he was on the way to his house. This eliminates Steve Giss.

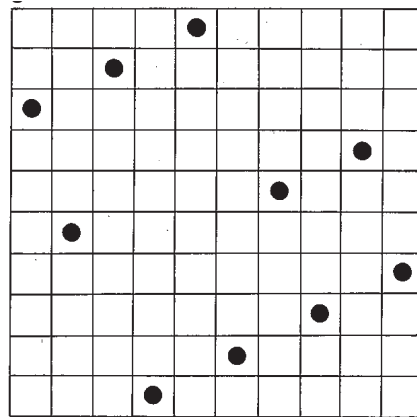
The Bath Robe Thief

Michael Baker: Baker is the bath robe thief because the other three suspects can be proven innocent, and sentence 10 states that one of the four suspects was arrested and confessed. In sentence 8, the witness states that the suspect was short, and Michael Baker is shorter than two of the other suspects, but we cannot tell from the picture the height of any of the suspects. For example, it could be that all of the suspects are short.

Brain Stretchers Book 1 (p. 26)



Brain Stretchers Book 2 (p. 27)



Critical Thinking Detective™-Vocabulary Book 1 (pp. 28-29)



Margaret Mathers



Helen Speath



Anna Knox



Angela Payne

The Innocent

Margaret Mathers: In sentence 6, we learn that the third witness saw the thief being assisted by the sales associate before attending to the exacting customer. This is the same customer that is described in sentence 5 as persnickety and launched a tirade just before the theft. In sentence 9, we learn that Mathers deferred to ask a question until the fastidious customer finished her rant. In sentence 4, the first witness states that the thief was not a devout shopper at the store. In sentence 15, Knox calls Mathers an inveterate (habitual) patron. This proves Margaret Mathers' innocence.

Helen Speath: In sentence 10, Mathers states that Speath arrived in the store amid the customer's harangue. In sentence 6, we learn that the third witness saw the thief assisted by the sales associate before attending to the exacting customer. This is the same customer that is described in sentence 5 as persnickety and launched a tirade just before the theft. This proves Speath's innocence since she arrived in the store during the tirade.

Anna Knox: In sentence 4, the first witness states that the thief was not a devout shopper at the store. In sentence 14, Knox states that she is a stalwart fixture in the store. This proves Anna Knox's innocence.

The Cunning Customer

Angela Payne is the Cunning Customer because a process of elimination exonerates the other suspects. Sentence 8 tells us that the police arrested one of the four suspects and one confessed. In sentence 4, the first witness states that the thief was not a devout shopper at the store. In sentences 16 and 17, Payne states she is a sporadic shopper in the store and that an obliging sales associate waited on her. In addition, in sentence 18 she attested to the moiling attention the finicky customer necessitated.

1. bustling
2. obliging
3. devout or stalwart
4. amid
5. necessitated
6. queries
7. heed
8. exacting, fastidious, or persnickety
9. inveterate
10. sporadically
11. harangue
12. abetted
13. harried
14. attest
15. transpired

Vocabulary Words and Appropriate Synonym for Context Within Case

Vocabulary Word	Synonym
abet	help
amid	among
attest	vouch
bustling	busy
devout	faithful
exacting	particular
fastidious	choosy
finicky	picky
harangue	rant
harried	strained
heed	regard
inveterate	deep-rooted
moiling	difficult
necessitate	need
obliging	accommodating
persnickety	fussy
query	question
sporadically	occasionally
stalwart	reliable
transpire	occur