



Coach Bill wants to know who his three best runners are. He had 8 students run the 100 meter dash three times each. He averaged the runs for each student before determining the best three runners.

Determine the average time for each student (average = total time \div 3). Then find the three best runners.

1. Joe's times: 12 sec., 11.5 sec., 13.1 sec.

Joe's average time: 12.2 seconds

2. Max's times: 12.3 sec., 13.2 sec., 11.7 sec.

Max's average time: _____

3. Bob's times: 12 sec., 12 sec., 12 sec.

Bob's average time: _____

4. Tim's times: 13.4 sec., 11.9 sec., 11.6 sec.

Tim's average time: _____

5. Jim's times: 12.8 sec., 13 sec., 12 sec.

Jim's average time: _____

6. Bill's times: 12.4 sec., 12.1 sec., 13 sec.

Bill's average time: _____

7. Jamie's times: 11.6 sec., 11.8 sec., 11.7 sec.

Jamie's average time: _____

8. Roy's times: 11.7 sec., 12 sec., 11.7 sec.

Roy's average time: _____

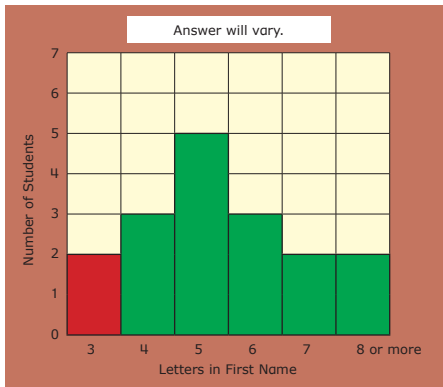
9. Best three runners: _____

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Number of Letters in First Name	Number of Students
3 Letters	2
4 Letters	3
5 Letters	5
6 Letters	3
7 Letters	2
8 or More Letters	2

; 1. Christina; 2. 6 letters; 3. - 4. Answers will vary; 5. No

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Page 62

1. h; 2. o; 3. f; 4. e; 5. k; 6. b; 7. q; 8. i; 9. p; 10. j; 11. g; 12. n; 13. l; 14. m; 15. r

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1. b; 2. c

Page 65

d. 94; a. 188; w. 24; s. 70; h. 63; e. 29; o. 84; t. 126; u. 23; m. 11; r. 3; f. 20; she was out of odor

Page 66

1. 161 tickets; 2. \$1,288; 3. \$16; 4. 375 seats; 5. 214 empty seats

Page 67

1. composite numbers: 32, 36, 54, 51, 33; 2. prime numbers: 31, 37, 41, 43, 47, 53, 59

Page 68

Answers will vary.

Page 69

1. e; 2. a; 3. g; 4. c; 5. f; 6. b; 7. d

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$\frac{1}{8}$; 1. Red $\frac{2}{16} = \frac{1}{8}$, Black $\frac{4}{16} = \frac{1}{4}$, Yellow $\frac{1}{16}$, Orange $\frac{5}{16}$, Green $\frac{3}{16}$, Blue $\frac{1}{16}$;

2. Orange; 3. Placement of black section will vary.



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Expanded	Exponent	Amount
$5 \times 5 \times 5 \times 5$	5^4	625
7 squared	7^2	49
$2 \times 2 \times 2 \times 2 \times 2$	2^5	32
$3 \times 3 \times 3 \times 3$	3^4	81
$4 \times 4 \times 4 \times 4 \times 4$	4^5	1,024
$6 \times 6 \times 6 \times 6$	6^4	1,296
$2 \times 2 \times 2 \times 2 \times 2 \times 2$	2^6	64
8 cubed	8^3	512
$10 \times 10 \times 10 \times 10$	10^4	10,000
12 squared	12^2	144

2	6	1	1	6	4	4	5	6	4	4
3	2	0	1	3	0	2	0	0	0	0
9	5	2	0	5	1	2	4	5	4	8
8	3	4	1	2	9	6	0	0	9	8

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a. 4; h. 5; n. 7; s. 8; i. 2; r. 9; u. 3; t. 6; tshirts

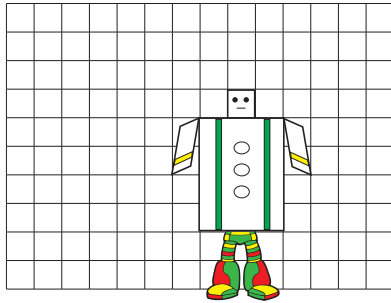
Page 73

1. 26; 2. 33; 3. 29; 4. 17 or 41

Page 74

a. 32; r. 65; d. 83; s. 96; u. 100; l. 54; o. 34; t. 86; toadstools

Page 75



Page 76 1. 16; 2. 51; 3. 77; 4. 133; 5. 54; 6. 47; 7. 7; 8. 210; 9. \$25; 10. 620

Page 77 1. 4; 2. 4; 3. 3; 4. 1; 5. 3; 6. 4; 7. 1

Page 78 1. 6; 2. \$172; 3. 12; 4. 55; 5. 7; 6. 10

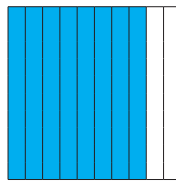
Page 79 1. the difference of 4 and 5;

2. angles formed by parallel lines;

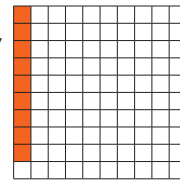
3. the quotient of 4 and 8; 4. 50 in.; 5. 60 nickels; 6.



Page 80 10 hundredths; $.8 = \frac{8}{10}$

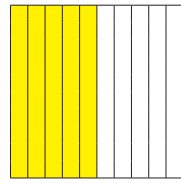


; $.09 = \frac{9}{100}$

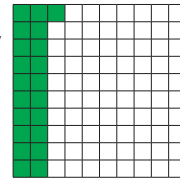


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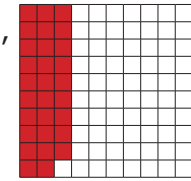
$.5 = \frac{5}{10}$



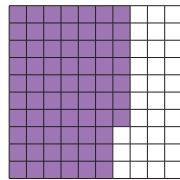
; $.21 = \frac{21}{100}$



; $.29 = \frac{29}{100}$



$.67 = \frac{67}{100}$

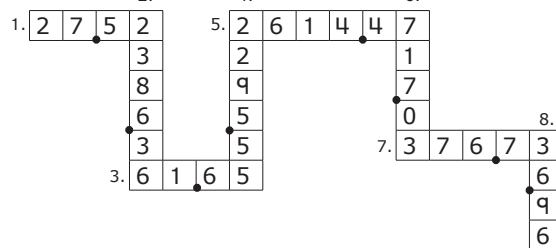


; 2.9 tenths; 6.7 tenths

Page 82 1. $15 + 15 + 8 = 38$; 2. $2 + 1 + 1 = 4$

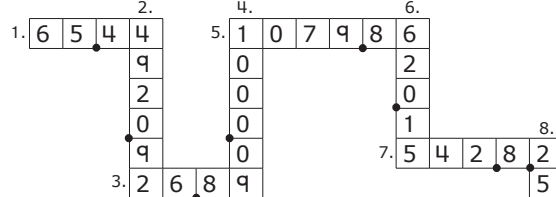
Page 83 1. 27.52; 2. 2,386.36; 3. 61.65; 4. 2,295.55;

5. 2,614.47; 6. 717.03; 7. 376.73; 8. 36.96;



Page 84 1. 65.44; 2. 4,920.92; 3. 26.89; 4. 1,000.09;

5. 1,079.86; 6. 620.15; 7. 542.82; 8. 2.5;



Page 85 **Answers will vary. Examples:**

