

Fourth Grade Answers

Set 1:

- 1 and 3
- Blue
- 9 or 6
- Answers will vary
- See student pictures
- 402 marbles
- 45 students
- 36 pieces
- $12 \times 5 = \underline{\quad}$; Answers will vary
- Answers will vary

Set 2:

- 192 crayons
- 1b, 4w; 3b, 3w; 5b, 2w; 7b, 1w
- 2022, 2050, 2069, 2097, 2121, 2206, 2342, 2468, 2532, 2551, 2553
- 3×12 ; 4×9 ; 6×6
- 1,300
- 3:15
- 18
- 700
- 600 - 1500
- Answers will vary

Set 3:

- \$11
- 981 millimeters
- 36 muffins
- 20, 9, 9; see student graphs
- 2 plants
- 8×7
- 82 cages
- 1008 comic books
- 1×24 ; 2×12 ; 3×8 ; 4×6
- 5 ; $3/4$

Set 4:

- 24
- 18; 22; 10; 22; 12
- Answers will vary
- 3
- 13 cars
- 5 shelves
- 9:51 a.m.; 10:04 a.m.
- 8 rows
- Answers will vary
- \$3.50

Set 5:

- 252
- 8715 feet
- 18, 24, 30; 270
- 2 times
- 12, 768
- 50,000.
- 6 games
- 3 cupcakes and 5 cookies
- 1 nickel and 21 pennies
- See arrangements; 28 squares

Set 6:

- Answers will vary
- Answers will vary
- 12
- 14 bags
- 15,984
- 16 hours
- 32 hours
- 1×48 ; 2×24 ; 3×16 ; 4×12
- Answers will vary
- 55 - 64 ft.

Set 7:

1. 48; yes; Answers will vary
2. 256 pennies
3. \$89
4. 6
5. 136 fish
6. \$63
7. 24 people
8. 16 rows
9. 9 boats
10. 18, 24, 30, 36; $6 \times 65 = \underline{\quad}$

Set 8:

1. 3×5 ; 16; Answers will vary
2. 18 sq. ft.; 18 ft.
3. 84 sq units; 36 units
4. 64 sq. units
5. \$178
6. 12×9
7. Answers will vary
8. 110 miles
9. 40 miles
10. 9 hundreds, 15 tens

Set 9:

1. 56 units
2. Answers will vary
3. Answers will vary
4. bottom and bottom right should be shaded
5. 6 batches
6. 8499; Answers will vary
7. 33 fruit juice bars
8. 16 squares
9. 17 problems
10. 88 slices

Set 10:

1. 25 square units
2. Answers will vary
3. $8 \times 16 = 128$
4. Answers will vary
5. 15 teams with 3 left over
6. Circle = 10; Triangle = 8
7. 162 sq. ft.; 54 ft.
8. Multiply by 7
9. Answers will vary
10. How much older; gives or left

Set 11:

1. 9×100 ; Answers will vary
2. 64 sq. units
3. 5 units; see student pictures
4. $3 \times 7 + 2 \times 3 = 27$
5. 21
6. 24 miles
7. $20 - 5 - 5 - 5 - 5 = 0$;
 $20 \div 5 = 4$
8. Row 1 = 3; Row 2 = 8
Row 3 = 9; Row 4 = 7
Row 5 = 4
9. 20×1 ; 10×2 ; 4×5 ;
 5×4 ; 2×10 ; 1×20
10. 17 children

Set 12:

1. \$216
2. 15 cards
3. Answers will vary
4. 4:40 p.m.
5. 128 fourth graders
6. 40 sq. m; 26 m
7. \$24
8. 12 units
9. Answers will vary
10. 5 pizzas

Set 13:

1. 61 people
2. 1586 miles
3. 6875 cd's
4. \$6.72
5. 107 fish; Answers will vary
6. 2 quarters, 4 dimes, 3 pennies
7. \$5.21
8. 300 pencils
9. 898 students
10. 32 legs

Set 14:

1. 2 substitutes
2. 7 minutes
3. 2 food bowls and 1 dog toys
4. \$90
5. 26 bones
6. $\frac{1}{4}$; Answers will vary
7. 12 adults and 4 children
8. 14 posts
9. 420 beads
10. 8 stamps

Set 15:

1. 293 tickets
2. \$8
3. \$2.31
4. 254 candy bars
5. 198 labels
6. 14 cookies
7. 13 papers
8. 3 pounds
9. 3 shelves
10. 30 computers

Set 16:

1. 10 pages
2. 18 pieces
3. 5 eggs
4. \$5.00
5. \$2.00
6. \$14.00
7. Yes, more than one trip
8. 126 trees
9. 5 tickets
10. 6 trays

Set 17:

1. Answers will vary
2. C; Answers will vary
3. $<$
4. $\frac{1}{7}$; $\frac{3}{7}$; $\frac{5}{7}$; $\frac{6}{7}$
5. $7 < 9$
6. $>$
7. Answers will vary
8. 5 boxes
9. Answers will vary
10. $\frac{1}{5}$, $\frac{2}{5}$, $\frac{3}{5}$, $\frac{4}{5}$, $\frac{5}{5}$

Set 18:

1. 15
2. 306
3. 144
4. 17,500
5. 3
6. 475
7. We don't know it depends on $\frac{1}{4}$ of what and $\frac{1}{5}$ of what? Are they the same size groups?
8. \$225
9. 300 packages
10. $2\frac{2}{3}$ pieces

Set 19:

1. 6M
2. S - 24
3. 7h
4. 4 x 9
5. $7 \times 20 = \underline{\quad}$
6. $9 - 7 = \underline{\quad}$
7. $9x = 36$
8. 17 children
9. 54 batteries
10. 7 people

Set 20:

1. 24 pounds
2. 70 sq. ft.
3. $4 + 5 = 9$
4. The length of your classroom
The length of your pencil;
Answers will vary
5. half an hour
6. 16 meters
7. 11 lights
8. \$16
9. 96 cookies
10. Answers will vary

Set 21:

1. Length of a bicycle;
Answers will vary
2. 4 miles
3. 6 1/2 feet
4. 2 1/4 in.
5. see student diagrams
6. 18 in.
7. 1/2 mile
8. Robert's; Answers will vary
9. 16 minutes
10. 82°

Set 22:

1. 4 1/2 cm
2. Kilometers
3. Meters
4. Millimeters
5. Answers will vary
6. Pat by 14 cm
7. 1km 5 m
8. 15 minutes
9. \$5
10. 6 cats; 12 dogs; 3 birds;
see student graphs

Set 23:

1. Pacific; Artic
2. 600
3. \$98
4. See student number lines
5. See student charts
R1 = 27 - 31
R2 = 27 - 41 ...
6. 20 people
7. 6 1/2 cm
8. \$90
9. 1 game
10. a. 43
b. Soccer; Basketball

Set 24:

1. See student graphs
2. 2000
3. A cheeseburger and a yogurt
4. 7 cm
5. 51 points
6. Wednesday; 140 hamburgers
7. See student graphs
8. 43 people
9. 18 people
10. No, needs an extra \$0.14.