

# Holiday Adventures: Fractions with Santa, Elves, and Friends

Math

Grade 4

Holidays Theme

Help Santa and his friends solve magical fraction problems during their holiday adventures!

NAME \_\_\_\_\_

DATE \_\_\_\_\_

SCORE \_\_\_\_\_

/ 8

1

Santa's workshop has 8 toy trains. He wraps 3 of them in red paper and the rest in green paper. What fraction of the trains are wrapped in red paper?

  
  

2

Mrs. Claus baked 12 holiday cookies. She gave  $\frac{1}{4}$  of them to the head elf. How many cookies did the head elf receive?

  
  

3

Rudolph the Red-Nosed Reindeer is leading Santa through 16 snowy towns. He has already flown past  $\frac{1}{2}$  of them. How many towns has Rudolph visited so far?

  
  

4

The elves decorated a giant Christmas tree with 20 ornaments. They hung  $\frac{2}{5}$  of the ornaments on the upper branches. How many ornaments are on the upper branches?

  
  

5

Frosty the Snowman is distributing candy canes to children. He has 24 candy canes and gives away  $\frac{3}{4}$  of them during his holiday parade. How many candy canes does he give away?

  
  

6

Santa's sleigh is carrying 10 sacks of presents. After delivering gifts to the first neighborhood,  $\frac{1}{5}$  of the sacks are empty. How many sacks are still full?

7

The Nutcracker guards 15 toy soldiers in the magical kingdom.  $\frac{2}{3}$  of them are wearing red uniforms. How many soldiers are wearing red uniforms?

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\_\_\_\_\_

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8

Jack Frost created 18 beautiful icicles on the cabin window. The Winter Sprite melted  $\frac{1}{3}$  of them with a magical spell. How many icicles are still frozen?

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# Answer Key

Math

Grade 4

For Parents and Teachers

1

Santa's workshop has 8 toy trains. He wraps 3 of them in red paper and the rest in green paper. What fraction of the trains are wrapped in red paper?

ANSWER

**3/8**

2

Mrs. Claus baked 12 holiday cookies. She gave  $\frac{1}{4}$  of them to the head elf. How many cookies did the head elf receive?

ANSWER

**3 cookies**

3

Rudolph the Red-Nosed Reindeer is leading Santa through 16 snowy towns. He has already flown past  $\frac{1}{2}$  of them. How many towns has Rudolph visited so far?

ANSWER

**8 towns**

4

The elves decorated a giant Christmas tree with 20 ornaments. They hung  $\frac{2}{5}$  of the ornaments on the upper branches. How many ornaments are on the upper branches?

ANSWER

**8 ornaments**

5

Frosty the Snowman is distributing candy canes to children. He has 24 candy canes and gives away  $\frac{3}{4}$  of them during his holiday parade. How many candy canes does he give away?

ANSWER

**18 candy canes**

6

Santa's sleigh is carrying 10 sacks of presents. After delivering gifts to the first neighborhood,  $\frac{1}{5}$  of the sacks are empty. How many sacks are still full?

ANSWER

**8 sacks**

7

The Nutcracker guards 15 toy soldiers in the magical kingdom.  $\frac{2}{3}$  of them are wearing red uniforms. How many soldiers are wearing red uniforms?

ANSWER

**10 soldiers**

8

Jack Frost created 18 beautiful icicles on the cabin window. The Winter Sprite melted  $\frac{1}{3}$  of them with a magical spell. How many icicles are still frozen?

ANSWER

**12 icicles**