

Enchanted Fraction Adventures: A Fairy Tales Quest

Math

Grade 4

Fairy Tales Theme

Help your favorite Fairy Tales characters solve magical fraction problems on their extraordinary adventures!

NAME _____

DATE _____

SCORE _____ / 8

1

Cinderella is preparing a magical cake for the ball. She needs $\frac{3}{4}$ cup of flour, but her measuring cup only holds $\frac{1}{4}$ cup. How many times must she fill the measuring cup to get enough flour?

2

Snow White is dividing her basket of 8 apples equally among her 4 dwarf friends. What fraction of the apples does each dwarf receive? Express your answer as a fraction.

3

Rapunzel's magical hair grew $\frac{1}{3}$ of a foot on Monday and $\frac{2}{3}$ of a foot on Tuesday. How much did her hair grow in total over these two days?

4

The Big Bad Wolf ate $\frac{2}{5}$ of Red Riding Hood's basket of bread. What fraction of the basket still remains?

5

Goldilocks sampled porridge from three bowls. She ate $\frac{1}{2}$ of Papa Bear's porridge, $\frac{1}{3}$ of Mama Bear's porridge, and $\frac{1}{4}$ of Baby Bear's porridge. Which bowl did she eat the most from?

6

Pinocchio's nose was originally $\frac{3}{8}$ inch long. When he told a lie, it grew an additional $\frac{5}{8}$ inch. How long is his nose now?

7

The Three Little Pigs built houses using bricks. The first pig used $\frac{1}{4}$ of the total bricks, the second pig used $\frac{2}{4}$ of the total bricks. What fraction of bricks did the third pig use?

8

Jack climbed the beanstalk and found a treasure chest containing 12 gold coins. He gave $\frac{1}{3}$ to the poor villagers and $\frac{1}{4}$ to his mother. How many coins did Jack keep for himself?

Answer Key

Math

Grade 4

For Parents and Teachers

1

Cinderella is preparing a magical cake for the ball. She needs $\frac{3}{4}$ cup of flour, but her measuring cup only holds $\frac{1}{4}$ cup. How many times must she fill the measuring cup to get enough flour?

ANSWER

3 times

2

Snow White is dividing her basket of 8 apples equally among her 4 dwarf friends. What fraction of the apples does each dwarf receive? Express your answer as a fraction.

ANSWER

$\frac{2}{4}$ or $\frac{1}{2}$

3

Rapunzel's magical hair grew $\frac{1}{3}$ of a foot on Monday and $\frac{2}{3}$ of a foot on Tuesday. How much did her hair grow in total over these two days?

ANSWER

$\frac{3}{3}$ or 1 foot

4

The Big Bad Wolf ate $\frac{2}{5}$ of Red Riding Hood's basket of bread. What fraction of the basket still remains?

ANSWER

$\frac{3}{5}$

5

Goldilocks sampled porridge from three bowls. She ate $\frac{1}{2}$ of Papa Bear's porridge, $\frac{1}{3}$ of Mama Bear's porridge, and $\frac{1}{4}$ of Baby Bear's porridge. Which bowl did she eat the most from?

ANSWER

Papa Bear's bowl ($\frac{1}{2}$ is the largest fraction)

6

Pinocchio's nose was originally $\frac{3}{8}$ inch long. When he told a lie, it grew an additional $\frac{5}{8}$ inch. How long is his nose now?

ANSWER

$\frac{8}{8}$ or 1 inch

7

The Three Little Pigs built houses using bricks. The first pig used $\frac{1}{4}$ of the total bricks, the second pig used $\frac{2}{4}$ of the total bricks. What fraction of bricks did the third pig use?

ANSWER

$\frac{1}{4}$

8

Jack climbed the beanstalk and found a treasure chest containing 12 gold coins. He gave $\frac{1}{3}$ to the poor villagers and $\frac{1}{4}$ to his mother. How many coins did Jack keep for himself?

ANSWER

5 coins