

Enchanted Decimal Adventures: A Fairy Tales Quest

Math

Grade 4

Fairy Tales Theme

□ Help your favorite Fairy Tales characters solve magical decimal problems on their greatest adventures!

NAME _____

DATE _____

SCORE _____ / 8

1

Cinderella is preparing for the royal ball and needs to measure ingredients for her magical cake. She uses 2.5 cups of flour and 1.3 cups of sugar. How many cups of ingredients does she use in total?

2

Snow White is gathering apples from seven different trees in the enchanted forest. She collects 3.2 pounds from the first tree and 2.7 pounds from the second tree. How many pounds of apples does she have so far?

3

The Big Bad Wolf is running through the forest and travels 4.6 miles in the morning and 3.4 miles in the afternoon. How many miles does the wolf travel in total for the day?

4

Rapunzel is braiding her magical hair and uses 5.8 meters of golden ribbon. Her friend uses 2.3 meters of the same ribbon. How much more ribbon does Rapunzel use than her friend?

5

Jack climbs the beanstalk and reaches a height of 7.9 meters. He then climbs 4.2 meters higher to escape the giant. How high does Jack climb in total?

6

Goldilocks finds three bowls of porridge. Papa Bear's bowl has 6.4 ounces, Mama Bear's bowl has 5.7 ounces, and Baby Bear's bowl has 3.9 ounces. How many ounces of porridge are in all three bowls combined?

7

The Prince is searching for Sleeping Beauty and travels through an enchanted castle. He walks 9.5 kilometers on the first day and 6.8 kilometers on the second day. How many kilometers does he travel in total?

8

Pinocchio's nose grows 2.4 inches when he tells his first lie and 1.6 inches when he tells his second lie. How many inches longer does his nose become after both lies?

Answer Key

Math

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For Parents and Teachers

1

Cinderella is preparing for the royal ball and needs to measure ingredients for her magical cake. She uses 2.5 cups of flour and 1.3 cups of sugar. How many cups of ingredients does she use in total?

ANSWER

3.8 cups

2

Snow White is gathering apples from seven different trees in the enchanted forest. She collects 3.2 pounds from the first tree and 2.7 pounds from the second tree. How many pounds of apples does she have so far?

ANSWER

5.9 pounds

3

The Big Bad Wolf is running through the forest and travels 4.6 miles in the morning and 3.4 miles in the afternoon. How many miles does the wolf travel in total for the day?

ANSWER

8.0 miles

4

Rapunzel is braiding her magical hair and uses 5.8 meters of golden ribbon. Her friend uses 2.3 meters of the same ribbon. How much more ribbon does Rapunzel use than her friend?

ANSWER

3.5 meters

5

Jack climbs the beanstalk and reaches a height of 7.9 meters. He then climbs 4.2 meters higher to escape the giant. How high does Jack climb in total?

ANSWER

12.1 meters

6

Goldilocks finds three bowls of porridge. Papa Bear's bowl has 6.4 ounces, Mama Bear's bowl has 5.7 ounces, and Baby Bear's bowl has 3.9 ounces. How many ounces of porridge are in all three bowls combined?

ANSWER

16.0 ounces

7

The Prince is searching for Sleeping Beauty and travels through an enchanted castle. He walks 9.5 kilometers on the first day and 6.8 kilometers on the second day. How many kilometers does he travel in total?

ANSWER

16.3 kilometers

8

Pinocchio's nose grows 2.4 inches when he tells his first lie and 1.6 inches when he tells his second lie. How many inches longer does his nose become after both lies?

ANSWER

4.0 inches

