

Garden Quest: Decimal Adventures with Farmer Fiona and Friends

Math

Grade 4

Gardening Theme

Help the garden characters solve their decimal mysteries as they explore their magical garden and complete daily tasks!

NAME _____

DATE _____

SCORE _____ / 8

1

Farmer Fiona planted sunflowers in three rows. The first row grew to 2.5 meters tall, the second row grew to 3.2 meters, and the third row grew to 1.8 meters. How many meters tall would all three sunflowers be if stacked on top of each other?

2

Garden Gnome Gary has 4.6 kilograms of tomatoes from his harvest. His friend Butterfly Betty helped him pick 2.3 kilograms more. How many kilograms of tomatoes do they have in total?

3

Squirrel Sam collected 5.7 pounds of acorns to store for winter. He gave 1.4 pounds to his friend Rabbit Ruby. How many pounds of acorns does Squirrel Sam have left?

4

In the garden, it rained 1.8 inches on Monday and 2.4 inches on Tuesday. The rain barrel started with 3.5 inches of water. How many inches of water are in the barrel after both days of rain?

5

Ladybug Lucy crawled 3.6 meters across the garden path. Then she flew 2.1 meters through the air to escape a friendly toad. What is the total distance Lucy traveled?

6

Gardener George bought 6.8 meters of fence to protect his vegetable patch. He used 4.3 meters on the first day. How many meters of fence does he have remaining for the next day?

7

Three garden fairies worked together to move flower pots. Fairy Faye moved 1.7 pots, Fairy Flora moved 2.4 pots, and Fairy Fern moved 1.9 pots. How many pots did the three fairies move altogether?

8

Bee Boris visited 8.5 flowers in the morning and 6.3 flowers in the afternoon collecting nectar. How many flowers did Bee Boris visit in total during the day?

Answer Key

Math

Grade 4

For Parents and Teachers

1

Farmer Fiona planted sunflowers in three rows. The first row grew to 2.5 meters tall, the second row grew to 3.2 meters, and the third row grew to 1.8 meters. How many meters tall would all three sunflowers be if stacked on top of each other?

ANSWER

7.5 meters

2

Garden Gnome Gary has 4.6 kilograms of tomatoes from his harvest. His friend Butterfly Betty helped him pick 2.3 kilograms more. How many kilograms of tomatoes do they have in total?

ANSWER

6.9 kilograms

3

Squirrel Sam collected 5.7 pounds of acorns to store for winter. He gave 1.4 pounds to his friend Rabbit Ruby. How many pounds of acorns does Squirrel Sam have left?

ANSWER

4.3 pounds

4

In the garden, it rained 1.8 inches on Monday and 2.4 inches on Tuesday. The rain barrel started with 3.5 inches of water. How many inches of water are in the barrel after both days of rain?

ANSWER

7.7 inches

5

Ladybug Lucy crawled 3.6 meters across the garden path. Then she flew 2.1 meters through the air to escape a friendly toad. What is the total distance Lucy traveled?

ANSWER

5.7 meters

6

Gardener George bought 6.8 meters of fence to protect his vegetable patch. He used 4.3 meters on the first day. How many meters of fence does he have remaining for the next day?

ANSWER

2.5 meters

7

Three garden fairies worked together to move flower pots. Fairy Faye moved 1.7 pots, Fairy Flora moved 2.4 pots, and Fairy Fern moved 1.9 pots. How many pots did the three fairies move altogether?

ANSWER

5.9 pots

8

Bee Boris visited 8.5 flowers in the morning and 6.3 flowers in the afternoon collecting nectar. How many flowers did Bee Boris visit in total during the day?

ANSWER

14.8 flowers