

Olympus Decimal Adventures: Help the Gods Master Mathematical Magic

Math

Grade 4

Mythology Theme

Help the mighty gods and goddesses of Mount Olympus solve their decimal challenges on epic quests across the mythological realms!

NAME _____

DATE _____

SCORE _____ / 8

1

Hermes, the speedy messenger god, delivers ambrosia to three different locations on Mount Olympus. The first delivery weighs 2.5 pounds, the second weighs 3.2 pounds, and the third weighs 1.8 pounds. How many total pounds of ambrosia does Hermes deliver?

2

Athena is weaving a magical tapestry that requires 8.6 meters of golden thread. She already has 3.4 meters of thread from her previous project. How much more thread does Athena need to complete her divine tapestry?

3

Zeus collects storm clouds from around the world to power his thunderbolt creation chamber. Mount Olympus receives 4.7 clouds on Monday, 5.3 clouds on Wednesday, and 2.4 clouds on Friday. What is the total number of clouds Zeus collects this week?

4

Poseidon's underwater palace requires 15.9 gallons of enchanted sea water daily to keep the coral gardens alive. Yesterday he used 12.3 gallons. How many more gallons of sea water does Poseidon need to use today to reach his daily requirement?

5

Hephaestus, the god of blacksmiths, forges three magical swords for the Trojan War. The first sword weighs 6.4 ounces, the second weighs 5.7 ounces, and the third weighs 7.2 ounces. What is the combined weight of all three swords?

6

Demeter's harvest brought 24.8 bushels of golden wheat to the temple. The priests used 9.5 bushels for the festival celebration. How many bushels of wheat does Demeter have left for the coming winter?

7

Apollo tends to his four sacred temples across Greece. Temple 1 receives 3.2 offerings, Temple 2 receives 4.5 offerings, Temple 3 receives 2.8 offerings, and Temple 4 receives 5.1 offerings. What is the total number of offerings Apollo receives?

8

Artemis the huntress collects herbs from the enchanted forest. She gathers 18.7 pounds of moonflower herbs, but then uses 6.4 pounds to create a healing potion for wounded soldiers. How many pounds of moonflower herbs does Artemis have remaining?

Answer Key

Math

Grade 4

For Parents and Teachers

1

Hermes, the speedy messenger god, delivers ambrosia to three different locations on Mount Olympus. The first delivery weighs 2.5 pounds, the second weighs 3.2 pounds, and the third weighs 1.8 pounds. How many total pounds of ambrosia does Hermes deliver?

ANSWER

7.5 pounds

2

Athena is weaving a magical tapestry that requires 8.6 meters of golden thread. She already has 3.4 meters of thread from her previous project. How much more thread does Athena need to complete her divine tapestry?

ANSWER

5.2 meters

3

Zeus collects storm clouds from around the world to power his thunderbolt creation chamber. Mount Olympus receives 4.7 clouds on Monday, 5.3 clouds on Wednesday, and 2.4 clouds on Friday. What is the total number of clouds Zeus collects this week?

ANSWER

12.4 clouds

4

Poseidon's underwater palace requires 15.9 gallons of enchanted sea water daily to keep the coral gardens alive. Yesterday he used 12.3 gallons. How many more gallons of sea water does Poseidon need to use today to reach his daily requirement?

ANSWER

3.6 gallons

5

Hephaestus, the god of blacksmiths, forges three magical swords for the Trojan War. The first sword weighs 6.4 ounces, the second weighs 5.7 ounces, and the third weighs 7.2 ounces. What is the combined weight of all three swords?

ANSWER

19.3 ounces

6

Demeter's harvest brought 24.8 bushels of golden wheat to the temple. The priests used 9.5 bushels for the festival celebration. How many bushels of wheat does Demeter have left for the coming winter?

ANSWER

15.3 bushels

7

Apollo tends to his four sacred temples across Greece. Temple 1 receives 3.2 offerings, Temple 2 receives 4.5 offerings, Temple 3 receives 2.8 offerings, and Temple 4 receives 5.1 offerings. What is the total number of offerings Apollo receives?

ANSWER

15.6 offerings

8

Artemis the huntress collects herbs from the enchanted forest. She gathers 18.7 pounds of moonflower herbs, but then uses 6.4 pounds to create a healing potion for wounded soldiers. How many pounds of moonflower herbs does Artemis have remaining?

ANSWER

12.3 pounds