

# Olympian Fraction Adventures: Help the Gods Master the Sacred Math

Math

Grade 4

Mythology Theme

Help the Mythology characters solve their fraction challenges by completing each quest with courage and mathematical skill!

NAME

DATE

SCORE

\_\_\_\_ / 8

1

Athena is weaving a magical tapestry for Zeus's throne room. She has completed  $\frac{3}{8}$  of the tapestry on Monday and  $\frac{2}{8}$  on Tuesday. What fraction of the tapestry has Athena finished so far?

  
  

2

Hermes is dividing his winged sandals collection among his 4 half-brothers. He has 12 pairs of sandals. If each brother gets an equal share, how many pairs does each brother receive? Express this as a fraction of the total collection.

  
  

3

Persephone planted a garden with flowers for spring. She planted  $\frac{1}{6}$  of the garden with pomegranates,  $\frac{2}{6}$  with roses, and  $\frac{1}{6}$  with daisies. What fraction of the garden is planted so far?

  
  

4

Poseidon's trident has three magical powers. He uses  $\frac{1}{3}$  of its power to calm the seas,  $\frac{1}{3}$  to create storms, and wants to save the rest for emergencies. What fraction of the trident's power does he save?

  
  

5

Aphrodite is baking ambrosia cakes for Mount Olympus. She baked 16 cakes total. If the gods ate  $\frac{3}{8}$  of the cakes at the feast, how many cakes did they eat?

  
  

6

Ares divided his shield collection between his two favorite warriors. One warrior received  $\frac{5}{10}$  of the shields and the other received  $\frac{3}{10}$ . What fraction of shields were given away?

7

Hephaestus is forging a chain with 20 golden links. He completed  $\frac{1}{4}$  of the chain on day one and  $\frac{2}{5}$  of the remaining chain on day two. How many links did he complete on day two?

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8

Artemis hunted for sacred animals in the forest. She found  $\frac{1}{5}$  were golden stags,  $\frac{2}{5}$  were silver foxes, and  $\frac{1}{5}$  were white doves. What fraction of animals were golden stags and silver foxes combined?

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# Answer Key

Math

Grade 4

For Parents and Teachers

1

Athena is weaving a magical tapestry for Zeus's throne room. She has completed  $\frac{3}{8}$  of the tapestry on Monday and  $\frac{2}{8}$  on Tuesday. What fraction of the tapestry has Athena finished so far?

ANSWER

$\frac{5}{8}$

2

Hermes is dividing his winged sandals collection among his 4 half-brothers. He has 12 pairs of sandals. If each brother gets an equal share, how many pairs does each brother receive? Express this as a fraction of the total collection.

ANSWER

$\frac{3}{12}$  or  $\frac{1}{4}$  (3 pairs per brother)

3

Persephone planted a garden with flowers for spring. She planted  $\frac{1}{6}$  of the garden with pomegranates,  $\frac{2}{6}$  with roses, and  $\frac{1}{6}$  with daisies. What fraction of the garden is planted so far?

ANSWER

$\frac{4}{6}$  or  $\frac{2}{3}$

4

Poseidon's trident has three magical powers. He uses  $\frac{1}{3}$  of its power to calm the seas,  $\frac{1}{3}$  to create storms, and wants to save the rest for emergencies. What fraction of the trident's power does he save?

ANSWER

$\frac{1}{3}$

5

Aphrodite is baking ambrosia cakes for Mount Olympus. She baked 16 cakes total. If the gods ate  $\frac{3}{8}$  of the cakes at the feast, how many cakes did they eat?

ANSWER

6 cakes

6

Ares divided his shield collection between his two favorite warriors. One warrior received  $\frac{5}{10}$  of the shields and the other received  $\frac{3}{10}$ . What fraction of shields were given away?

ANSWER

$\frac{8}{10}$  or  $\frac{4}{5}$

7

Hephaestus is forging a chain with 20 golden links. He completed  $\frac{1}{4}$  of the chain on day one and  $\frac{2}{5}$  of the remaining chain on day two. How many links did he complete on day two?

ANSWER

6 links

8

Artemis hunted for sacred animals in the forest. She found  $\frac{1}{5}$  were golden stags,  $\frac{2}{5}$  were silver foxes, and  $\frac{1}{5}$  were white doves. What fraction of animals were golden stags and silver foxes combined?

ANSWER

$\frac{3}{5}$