



The Theft of Olympus

Grade 4 math · Multiplication, Rounding, Skip counting, Place value, Division · Reading level grades 5-6

Detective: _____ Date: _____

Someone has stolen Zeus's golden thunderbolt right from the temple altar! The Headmaster needs your help to decode the clues and catch the rogue demigod before a cosmic storm is unleashed.

1. Solve each math problem. The answer is a number, and the letter beside it is what that number stands for.
2. In the clue boxes, write that letter in every box showing the same number, then read the secret clue.
3. Use each clue to cross suspects off the list. The one suspect left at the end is the culprit!

My answer: the rogue demigod is _____

Possible suspects

Cross off a row as each clue rules it out. The one left at the end is the culprit.

NAME	DIVINE GIFT	BLESSING	CARRIED SHIELD	HAIR STYLE	DISTRACTION
Icarus	Sun Beam	Flight	Silver Shield	Golden Curls	Sweet Honey
Pollux	Shadow Travel	Invisibility	Bronze Shield	Golden Curls	Sweet Honey
Bellerophon	Earthquake Slam	Invisibility	Silver Shield	Dark Braids	Loud Music
Atalanta	Lightning Control	Flight	Bronze Shield	Golden Curls	Sweet Honey
Andromeda	Water Whip	Flight	Silver Shield	Golden Curls	Shiny Gold
Perseus	Sun Beam	Invisibility	Bronze Shield	Golden Curls	Shiny Gold
Penelope	Sun Beam	Super Speed	Bronze Shield	Dark Braids	Loud Music
Midas	Earthquake Slam	Mind Reading	Bronze Shield	Dark Braids	Loud Music
Paris	Sun Beam	Super Speed	Silver Shield	Dark Braids	Loud Music
Ariadne	Shadow Travel	Flight	Silver Shield	Golden Curls	Sweet Honey
Helen	Earthquake Slam	Mind Reading	Bronze Shield	Golden Curls	Sweet Honey
Psyche	Shadow Travel	Animal Speech	Silver Shield	Fiery Red	Sweet Honey
Hercules	Earthquake Slam	Invisibility	Silver Shield	Dark Braids	Sweet Honey
Pandora	Earthquake Slam	Animal Speech	Silver Shield	Dark Braids	Shiny Gold
Aeneas	Sun Beam	Invisibility	Silver Shield	Golden Curls	Sweet Honey
Orpheus	Lightning Control	Super Speed	Silver Shield	Golden Curls	Shiny Gold
Odysseus	Shadow Travel	Mind Reading	Silver Shield	Golden Curls	Sweet Honey
Jason	Lightning Control	Flight	Silver Shield	Golden Curls	Sweet Honey
Hector	Sun Beam	Super Speed	Silver Shield	Dark Braids	Sweet Honey
Cassandra	Lightning Control	Animal Speech	Bronze Shield	Fiery Red	Sweet Honey
Castor	Sun Beam	Super Speed	Silver Shield	Dark Braids	Shiny Gold

CLUE 1
Multiplication facts (1-12)

We found a training field with rows of target dummies. Multiply the columns of targets to find the total and unlock the first clue!

Solve each problem, then write its letter in every clue box that shows the same number.

T																	T
25	64	50	90	22	36	36	16	22	11	44	5	50	60	11	5	25	
64	16	90	50	54	22	11	44	48	50	16	44	22	11	120			

$5 \times 5 = \square \rightarrow \boxed{\text{T}}$

$10 \times 9 = \square \rightarrow \boxed{\text{V}}$

$10 \times 12 = \square \rightarrow \boxed{\text{G}}$

$10 \times 6 = \square \rightarrow \boxed{\text{S}}$

$1 \times 11 = \square \rightarrow \boxed{\text{N}}$

$4 \times 11 = \square \rightarrow \boxed{\text{D}}$

$4 \times 9 = \square \rightarrow \boxed{\text{L}}$

$8 \times 8 = \square \rightarrow \boxed{\text{H}}$

$5 \times 10 = \square \rightarrow \boxed{\text{E}}$

$8 \times 2 = \square \rightarrow \boxed{\text{A}}$

$5 \times 1 = \square \rightarrow \boxed{\text{O}}$

$2 \times 11 = \square \rightarrow \boxed{\text{I}}$

$4 \times 12 = \square \rightarrow \boxed{\text{R}}$

$6 \times 9 = \square \rightarrow \boxed{\text{M}}$

Scratch space:

CLUE 2 Rounding

The magical compass is spinning wildly. Round the degree reading to the nearest ten so we can lock onto the runaway demigod.

Solve each problem, then write its letter in every clue box that shows the same number.

T																			
430	110	130	20	1700	130	700	2900	290	290	2300	130	9000	2900	1300	110	2300	90	300	
1300	2300	5000	3000	130	290	1300	110	2300	130	5000	9000								

Round 428 to the nearest ten → **T**

Round 127 to the nearest ten → **E**

Round 1,332 to the nearest hundred → **S**

Round 2,901 to the nearest hundred → **A**

Round 3,025 to the nearest thousand → **V**

Round 114 to the nearest ten → **H**

Round 8,784 to the nearest thousand → **D**

Round 89 to the nearest ten → **N**

Round 286 to the nearest hundred → **Y**

Round 5,421 to the nearest thousand → **L**

Round 658 to the nearest hundred → **C**

Round 294 to the nearest ten → **R**

Round 16 to the nearest ten → **F**

Round 1,685 to the nearest hundred → **O**

Round 2,335 to the nearest hundred → **I**

Scratch space:

CLUE 3

Skip counting

To cross the stepping stones in Neptune's fountain, you must skip count by fours. Follow the pattern to reach the message on the other side.

Solve each problem, then write its letter in every clue box that shows the same number.

T			T														T
33	36	65	33	36	70	65	39	45	42	25	65	10	10	50	65	65	33
36	42	22	65	140													

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, __, 36, 39 → **T**

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, __, 42, 45 → **F**

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, __, 39, 42 → **H**

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, __, 75, 80 → **I**

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, __, 70, 75 → **E**

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, __, 30, 35 → **V**

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, __, 12, 14 → **S**

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, __, 150, 160 → **Y**

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, 39, __, 45, 48 → **O**

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, __, 60, 70 → **W**

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, __, 24, 26 → **N**

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, __, 50, 55 → **L**

Scratch space:

CLUE 4 Place value

The secret combination lock on the temple door has three digit wheels. Identify the value of the hundreds place to crack it open.

Solve each problem, then write its letter in every clue box that shows the same number.

W																	
7000	90	4000	8000	70	20	2000	700	8000	900	2000	90	20	5000	70	40	900	500

100	800	800	30	90	500	5000	90	20	90

What is the value of the 7 in 7,556? → **W**

What is the value of the 4 in 4,063? → **F**

What is the value of the 8 in 824? → **T**

What is the value of the 7 in 973? → **U**

What is the value of the 8 in 78,546? → **O**

What is the value of the 5 in 592? → **S**

What is the value of the 3 in 7,836? → **H**

What is the value of the 2 in 2,555? → **D**

What is the value of the 2 in 4,026? → **N**

What is the value of the 7 in 3,766? → **G**

What is the value of the 9 in 7,917? → **L**

What is the value of the 4 in 849? → **R**

What is the value of the 5 in 95,012? → **C**

What is the value of the 9 in 6,597? → **E**

What is the value of the 1 in 8,143? → **A**

Scratch space:

CLUE 5**Division facts (1-12) - the last clue**

The centaurs are willing to share a secret note, but only if we divide their bundle of carrots equally among their five scouts.

First solve each problem. Then find each answer in the numbered list below and cross that sentence out. One sentence will be left - that is exactly what the villain did!

Step 1 - solve these:

$24 \div 6 = \boxed{}$

$49 \div 7 = \boxed{}$

$132 \div 11 = \boxed{}$

$88 \div 8 = \boxed{}$

$15 \div 3 = \boxed{}$

$45 \div 5 = \boxed{}$

$24 \div 3 = \boxed{}$

$90 \div 9 = \boxed{}$

$60 \div 10 = \boxed{}$

$15 \div 5 = \boxed{}$

$8 \div 4 = \boxed{}$

Step 2 - cross out the sentence with each answer:

1. The villain summoned a crackling lightning bolt, then soared high into the clouds.
2. The villain conjured a giant water whip, then soared high into the clouds.
3. The villain summoned a crackling lightning bolt, then dashed off with super speed.
4. The villain blazed a blinding sun beam, then faded away using invisibility.
5. The villain vanished into a dark shadow portal, then chatted with a nearby owl.
6. The villain vanished into a dark shadow portal, then faded away using invisibility.
7. The villain blazed a blinding sun beam, then soared high into the clouds.
8. The villain vanished into a dark shadow portal, then tried to read your thoughts.
9. The villain blazed a blinding sun beam, then tried to read your thoughts.
10. The villain conjured a giant water whip, then faded away using invisibility.
11. The villain conjured a giant water whip, then tried to read your thoughts.
12. The villain vanished into a dark shadow portal, then soared high into the clouds.

Answer Key

The Theft of Olympus

Culprit: Jason

Lightning Control · Flight · Silver Shield · Golden Curls · Sweet Honey

Trail: Start 21 → Clue 1 18 → Clue 2 13 → Clue 3 7 → Clue 4 4 → Clue 5 1

Clue 1 (Multiplication facts (1-12)): "THE VILLAIN DOES NOT HAVE MIND READING"

$5 \times 5 = 25$ (T) · $10 \times 9 = 90$ (V) · $10 \times 12 = 120$ (G) · $10 \times 6 = 60$ (S) · $1 \times 11 = 11$ (N) · $4 \times 11 = 44$ (D) · $4 \times 9 = 36$ (L) · $8 \times 8 = 64$ (H) · $5 \times 10 = 50$ (E) · $8 \times 2 = 16$ (A) · $5 \times 1 = 5$ (O) · $2 \times 11 = 22$ (I) · $4 \times 12 = 48$ (R) · $6 \times 9 = 54$ (M)

Clue 2 (Rounding): "THE FOE CARRIED A SHINY SILVER SHIELD"

Round 428 to the nearest ten = 430 (T) · Round 127 to the nearest ten = 130 (E) · Round 1,332 to the nearest hundred = 1300 (S) · Round 2,901 to the nearest hundred = 2900 (A) · Round 3,025 to the nearest thousand = 3000 (V) · Round 114 to the nearest ten = 110 (H) · Round 8,784 to the nearest thousand = 9000 (D) · Round 89 to the nearest ten = 90 (N) · Round 286 to the nearest hundred = 300 (Y) · Round 5,421 to the nearest thousand = 5000 (L) · Round 658 to the nearest hundred = 700 (C) · Round 294 to the nearest ten = 290 (R) · Round 16 to the nearest ten = 20 (F) · Round 1,685 to the nearest hundred = 1700 (O) · Round 2,335 to the nearest hundred = 2300 (I)

Clue 3 (Skip counting): "THE THIEF LOVES SWEET HONEY"

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, __, 36, 39 = 33 (T) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, __, 42, 45 = 39 (F) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, __, 39, 42 = 36 (H) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, __, 75, 80 = 70 (I) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, __, 70, 75 = 65 (E) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, __, 30, 35 = 25 (V) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, __, 12, 14 = 10 (S) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, __, 150, 160 = 140 (Y) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, 39, __, 45, 48 = 42 (O) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, __, 60, 70 = 50 (W) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, __, 24, 26 = 22 (N) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, __, 50, 55 = 45 (L)

Clue 4 (Place value): "WE FOUND GOLDEN CURLS AT THE SCENE"

What is the value of the 7 in 7,556? = 7000 (W) · What is the value of the 4 in 4,063? = 4000 (F) · What is the value of the 8 in 824? = 800 (T) · What is the value of the 7 in 973? = 70 (U) · What is the value of the 8 in 78,546? = 8000 (O) · What is the value of the 5 in 592? = 500 (S) · What is the value of the 3 in 7,836? = 30 (H) · What is the value of the 2 in 2,555? = 2000 (D) · What is the value of the 2 in 4,026? = 20 (N) · What is the value of the 7 in 3,766? = 700 (G) · What is the value of the 9 in 7,917? = 900 (L) · What is the value of the 4 in 849? = 40 (R) · What is the value of the 5 in 95,012? = 5000 (C) · What is the value of the 9 in 6,597? = 90 (E) · What is the value of the 1 in 8,143? = 100 (A)

Clue 5 (Division facts (1-12)): surviving statement is box 1 → Jason

$24 \div 6 = 4$ · $49 \div 7 = 7$ · $132 \div 11 = 12$ · $88 \div 8 = 11$ · $15 \div 3 = 5$ · $45 \div 5 = 9$ · $24 \div 3 = 8$ · $90 \div 9 = 10$ · $60 \div 10 = 6$ · $15 \div 5 = 3$ · $8 \div 4 = 2$