

MATH SUPERSTARS!

Explorer: _____
Date: _____ Score: ____/30

MISSION 1

10 Points

Solve the multiplication facts below. Match each answer to its letter in the Code Key to crack Agent Owl's secret message!

A	C	E	G	H	I	L	M	N	O	R	S	T	U	Y
12	16	18	20	21	24	25	27	30	32	36	40	42	45	54

1) $6 \times 9 = 54$

Y

2) $4 \times 8 = ______$

3) $9 \times 5 = ______$

4) $3 \times 4 = ______$

5) $6 \times 6 = ______$

6) $2 \times 9 = ______$

7) $5 \times 4 = ______$

8) $5 \times 8 = ______$

9) $8 \times 3 = ______$

10) $3 \times 7 = ______$

★ DECODED SECRET MESSAGE ★

Y

(Clue: Words spell 3 motivating words!)

MISSION 2 Jungle Trail Maze

8 Points

Help Leo the Lion cross the jungle! Trace a path from START to FINISH by moving ONLY on Multiples of 4 (4, 8, 12, 16...). You can move up, down, left, or right.

4	8	12	15	22
7	11	16	20	24
13	19	21	25	28
17	44	40	36	32
29	48	31	27	GOAL

Start at 4 → Follow multiples of 4 to reach GOAL!

MISSION 3 Number Grid Master

8 Points

Fill in the empty boxes so that all math equations are correct across each row and down each column!

$15 + \boxed{} = 35$

+

$\boxed{} \times 3 = 18$

=

$\boxed{21} \quad \boxed{23}$

Quick Helper:

- Top Row: $15 + ? = 35$
- Middle Row: $? \times 3 = 18$
- Left Column: $15 + ? = 21$

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TREASURE ISLAND

 The Final Math Challenge!

MISSION 4 Pizza Fraction Feast

8 Points

Look at the shaded pizza slices. Write the correct fraction (Numerator / Denominator) for the shaded part!



Shaded Part:



Shaded Part:



Shaded Part:



Shaded Part:

MISSION 5 Number Detective

6 Points

Read the clues carefully and deduce the mystery numbers!



Case #1: 3-Digit Mystery

- Hundreds digit is $3 \times 2 = [6]$
- Tens digit is $10 - 6 = [4]$
- Ones digit is $15 \div 3 = [5]$



Case #2: Even Number Clue

- I am between 400 and 500.
- My tens digit is 7.
- My digits add up to 13 ($4 + 7 + ?$).



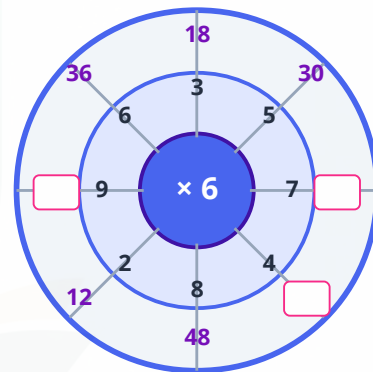
Case #3: 4-Digit Challenge

- Thousands digit is 5.
- Hundreds digit is 0.
- Tens digit is double 4.
- Ones digit is half of 6.

MISSION 6 Target Math Wheel

8 Points

Multiply the center number by each inner ring number to find the missing outer numbers!



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