Name : _____ Date : _____

PAPILUMO / 3rd Grade (ages 8–9) • Answer key

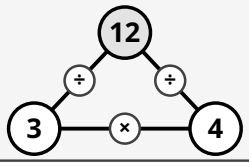
Multiplication & Division Fact-Family Triangles

Use the three numbers in each triangle to write the two multiplication facts and two division facts in the same family.



In the quiet evening woods, Kiko the owl sorts number triangles: just three numbers unlock four related equations!

Example: family 3, 4, and 12

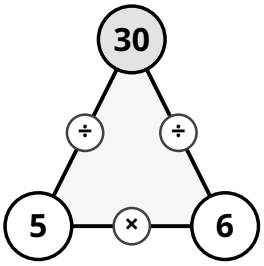


Two products, two quotients

3 × 4 = 12	4 × 3 = 12
12 ÷ 3 = 4	12 ÷ 4 = 3

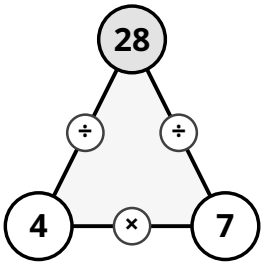
Write the 4 related facts for each of the 6 triangles (24 equations)

1



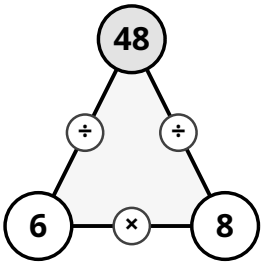
5 × 6 = 30
6 × 5 = 30
30 ÷ 5 = 6
30 ÷ 6 = 5

2



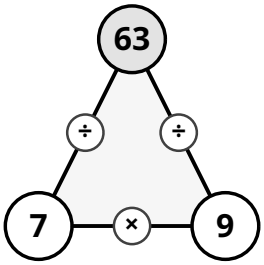
4 × 7 = 28
7 × 4 = 28
28 ÷ 4 = 7
28 ÷ 7 = 4

3



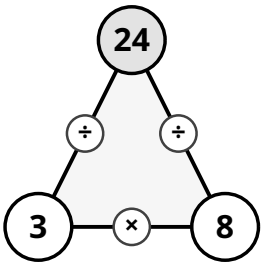
6 × 8 = 48
8 × 6 = 48
48 ÷ 6 = 8
48 ÷ 8 = 6

4



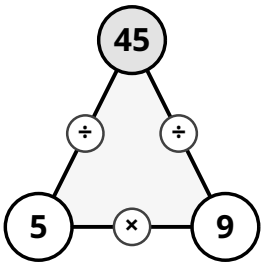
7 × 9 = 63
9 × 7 = 63
63 ÷ 7 = 9
63 ÷ 9 = 7

5



3 × 8 = 24
8 × 3 = 24
24 ÷ 3 = 8
24 ÷ 8 = 3

6



5 × 9 = 45
9 × 5 = 45
45 ÷ 5 = 9
45 ÷ 9 = 5

Tip: multiply the two bottom numbers to get the top number, and divide the top number by each bottom number.