

L.O: To understand the relationship between multiplication and division.

How many calculations can you make using these numbers and the signs  $\times$ ,  $\div$  or  $=$

Example

3, 5, 15

$3 \times 5 = 15$

$5 \times 3 = 15$

$15 \div 3 = 5$

$15 \div 5 = 3$

2, 4, 8

12, 6, 2

30, 5, 6

45, 9, 5

10, 5, 50

2, 10, 20

Now can you fill in the missing number in these calculations?

$5 \times 4 = \square$

$2 \times 4 = \square$

$\square \times 5 = 10$

$2 \times \square = 8$

$5 \times \square = 25$

$3 \times \square = 15$

$\square \times 7 = 14$

$5 \times 9 = \square$

$7 \times \square = 35$

$8 \times \square = 16$

$\square \times 2 = 18$

$\square \times 5 = 5$

$3 \times 4 = \square$

$3 \times \square = 21$

$\square \times 6 = 18$

$3 \times \square = 27$

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How many calculations can you make using these numbers and the signs +,  $\div$  or =

Example

3, 5, 15     $3 \times 5 = 15$      $5 \times 3 = 15$      $15 \div 3 = 5$      $15 \div 5 = 3$

4, 8, 2

5, 7, 35

20, 4, 5

Now can you fill in the missing number in these calculations?

$5 \times 6 = \square$      $2 \times 8 = \square$      $\square \times 5 = 15$      $2 \times \square = 20$

$5 \times \square = 40$      $3 \times \square = 30$      $\square \times 7 = 35$      $5 \times \square = 10$

Now have a go at filling in the inverse triangles:

