

Lesson 6

Starter-

$$5 \times 4 \times 2 = \underline{\hspace{2cm}}$$

What is the easiest way to find the solution?

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1) Arrange the cards to complete the multiplication number sentence.

2	3	20	x
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Which cards cannot be used?

x	5	=	2
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2) Using the numbers from 1 to 9, complete the number sentence below.

$$\square \times \square \times \square = 45$$

You may use each number more than once.

Find 5 possibilities.

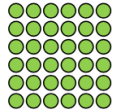
3) Tick the best way to group the numbers in the calculation below.

$$4 \times 2 \times 9 \quad \square$$



Explain your choice.

$$9 \times 2 \times 4 \quad \square$$


4) Tick the best way to group the numbers in the calculation below.

$$6 \times 6 \times 2 \quad \square$$


Explain your choice.

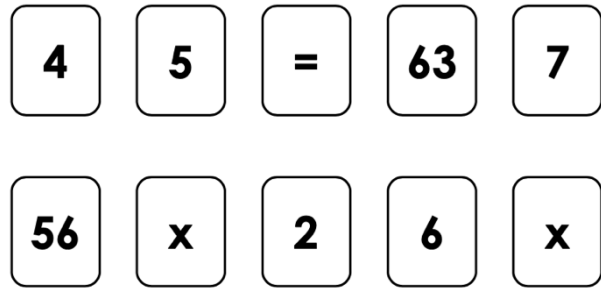
$$2 \times 6 \times 6 \quad \square$$


5) Arrange the cards to create a multiplication number sentence.

3	2	6	x	5
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x	8	=	70	80
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6) Arrange the cards to create a multiplication number sentence.



7) Using the numbers from 2 to 9, complete the number sentence below.

$$\square \times \square \times \square = 48$$

You may use each number more than once.

Find 5 possibilities.

**Challenge:**

Arrange the cards to create two different multiplication number sentences with the product 162.

$$\boxed{9} \quad \boxed{6} \quad \boxed{3} \quad \boxed{\times} \quad \boxed{?}$$

$$\boxed{\times} \quad \boxed{162} \quad \boxed{=} \quad \boxed{9}$$

What number is missing?

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Using the numbers from 2 to 12, complete the number sentence below.

$$\boxed{\phantom{00}} \times \boxed{\phantom{00}} \times \boxed{\phantom{00}} = 144$$

You may use each number more than once.

Your calculation must contain at least one number that is a multiple of 4.

How many possibilities can you find?