

LESSON 3

- Can I solve missing number problems?
(Part 1)

Fast five

1) Half of 48 =

2) $8765.12 + 1232.23 =$

3) $\frac{1}{4} + \frac{1}{2} =$

4) How many sides does a triangular prism have?

5) How many edges does a triangular prism have?

Fast five Answers

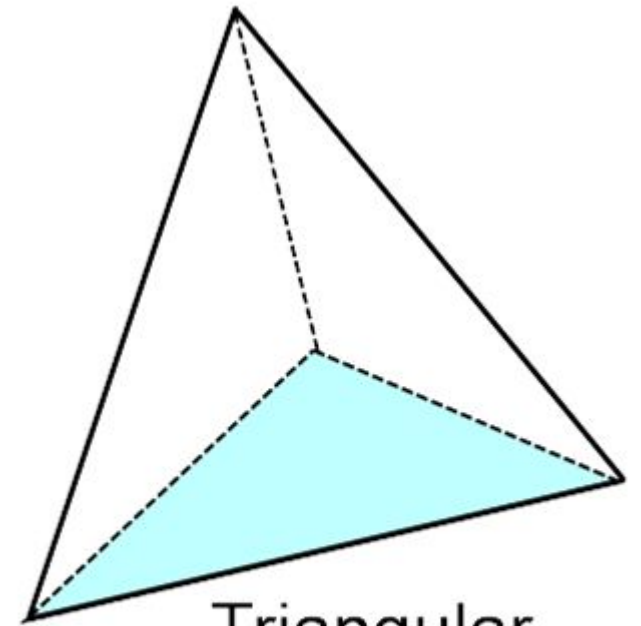
1) Half of 248 = 124

2) $8765 + 1232 = 9997$

3) $\frac{1}{4} + \frac{1}{2} = \frac{3}{4}$

4) How many sides does a triangular prism have? 4

5) How many edges does a triangular prism have? 6



Triangular
Pyramid

$$8? - 24 = 63$$

$$\begin{array}{r} \text{T} \quad \text{O} \\ 8 \quad 7 \\ - 2 \quad 4 \\ \hline 6 \quad 3 \\ \hline \end{array}$$

We can use our knowledge of number bonds and inverse operations to solve the missing number problem.

$$3 + 4 = 7$$

Check your answer

$$7 - 4 = 3$$

Watch the video for worked examples.

$$?3 - 52 = 11$$

$$\begin{array}{r} \text{T} \quad \text{O} \\ \underline{\underline{6}} \quad 3 \\ - \quad 5 \quad 2 \\ \hline 1 \quad 1 \\ \hline \end{array}$$

We can use our knowledge of number bonds and inverse operations to solve the missing number problem.

$$5 + 1 = 6$$

Check your answer

$$6 - 5 = 1$$

$$5?7 - 271 = 296$$

H	T	O
4	1	7
5	<u>6</u>	7
-	2	7
	1	1
2	9	6

We have to calculate what we have to subtract 7 from to get to 9.

We can use the same technique as before.

$$7 + 9 = 16$$

Check

$$16 - 7 = 9$$

We have had to regroup one of the hundreds to make it up to 16.

So we now have only 4 hundreds rather than 5.

$$8?8 - 234 = 584$$

H	T	O
78	11	8
- 2	3	4
5	8	4

We have to calculate what we have to subtract 3 from to get to 8.

We can use the same technique as before.

$$3 + 8 = 11$$

Check

$$11 - 3 = 8$$

We have had to regroup one of the hundreds to make it up to 11.

So we now have only 7 hundreds rather than 8.