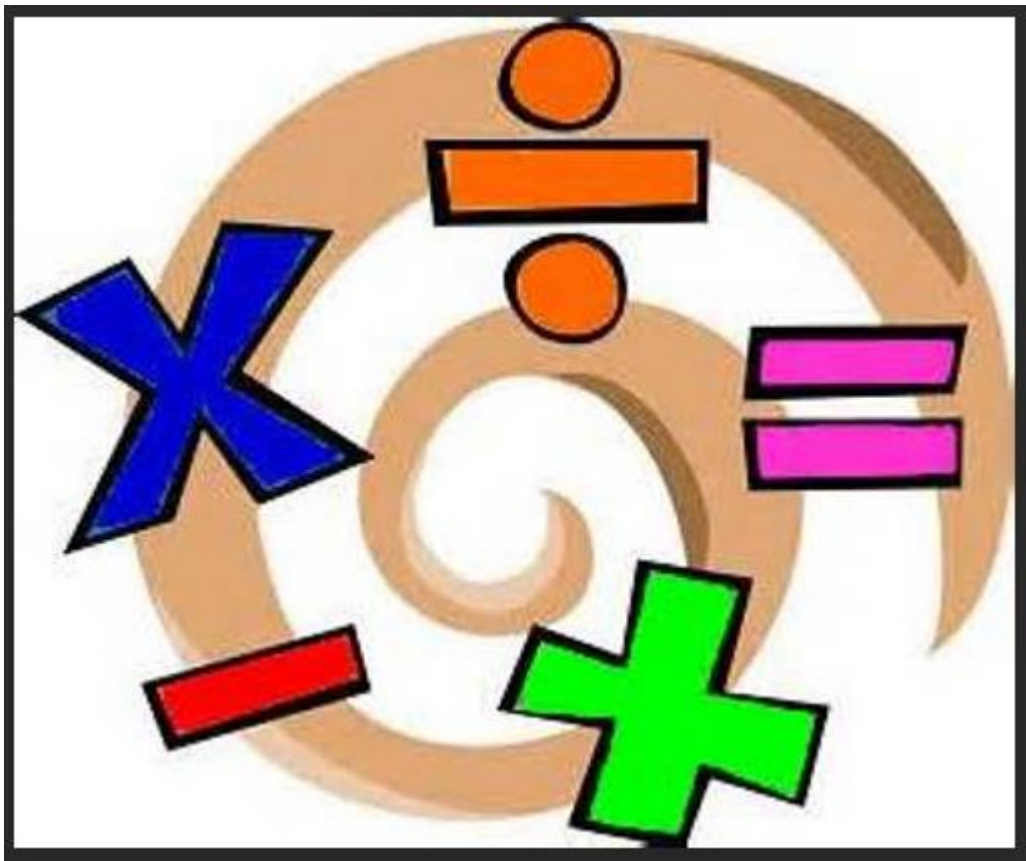


Robin Class

Magical Maths



Time to smash up some numbers!

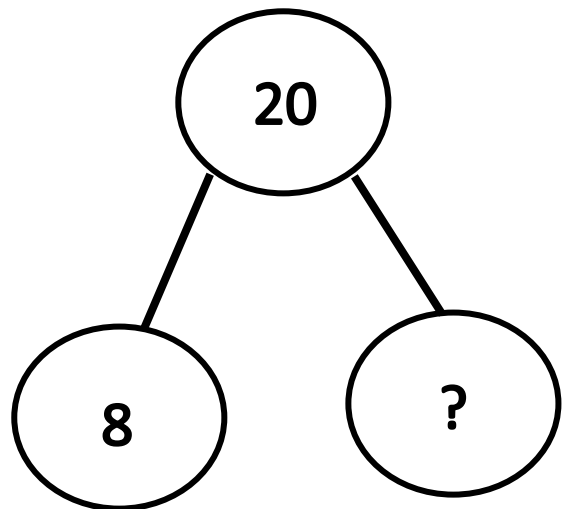
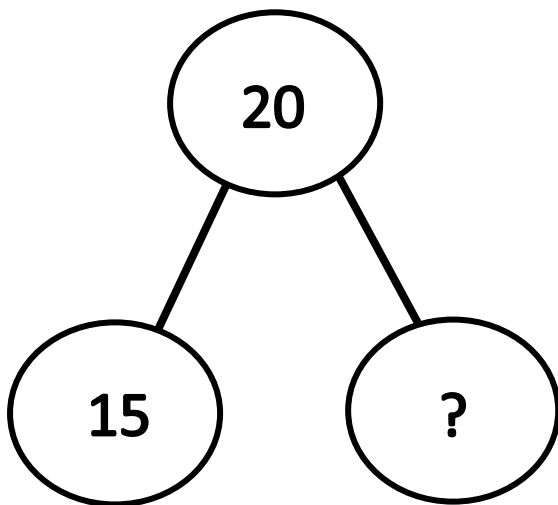
Can you complete the number triangles for these numbers?

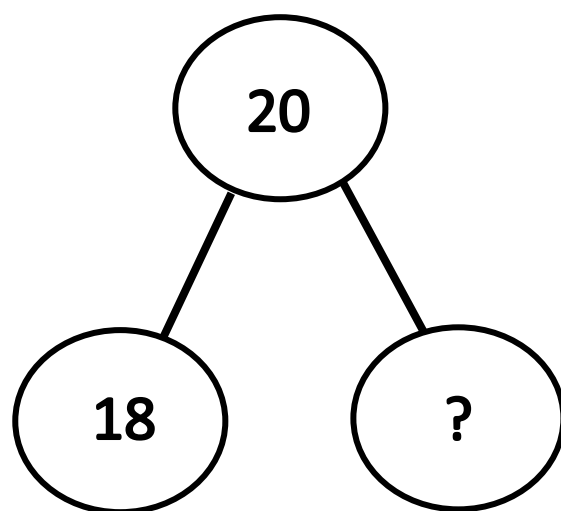
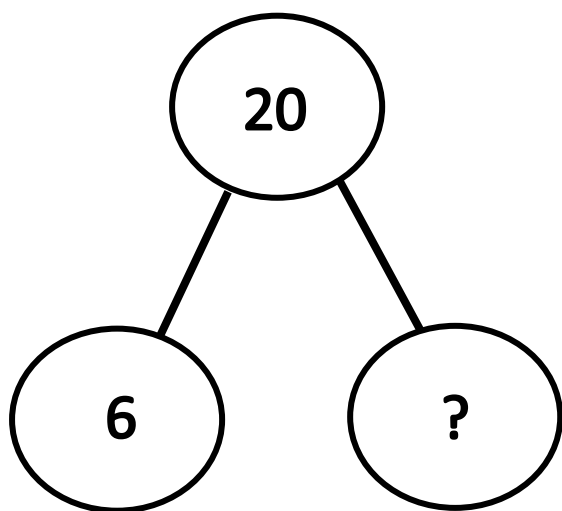
Then, can you write the number sentences which can go with them?

There are four number sentences for each triangle.

For example;

$$20 - 15 = \underline{\quad} \quad \text{or} \quad 15 + \underline{\quad} = 20$$

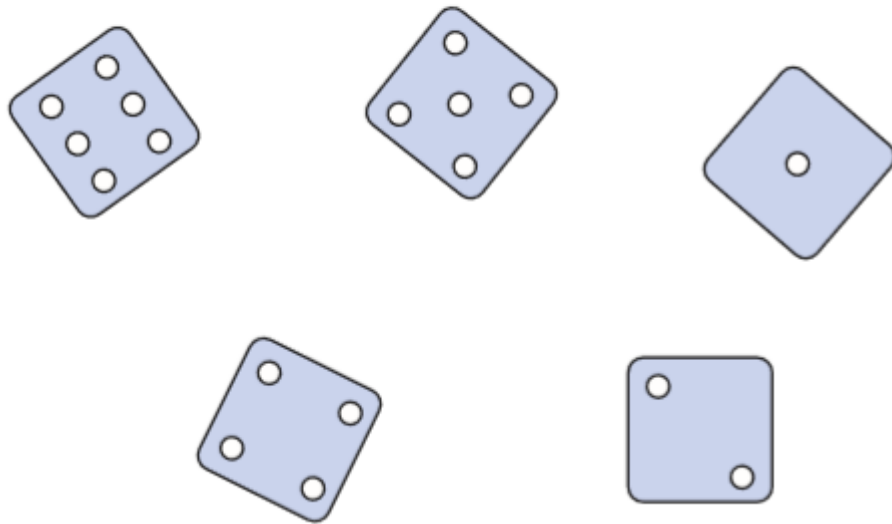




Word Problems

1.

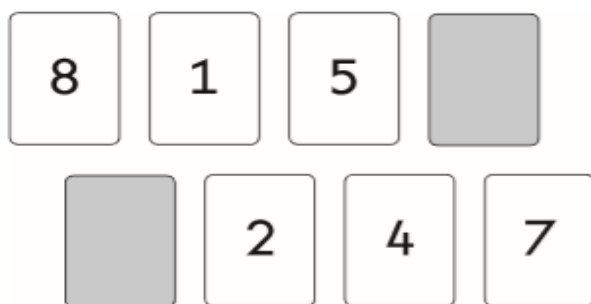
Circle the **three** dice that add up to **13**



2.

Sam has cards that are numbered 1 to 8

Sam turns over two of the cards.



Which two cards has Sam turned over?

Write the numbers on the cards below.

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3.

Write the missing numbers in the sequence.

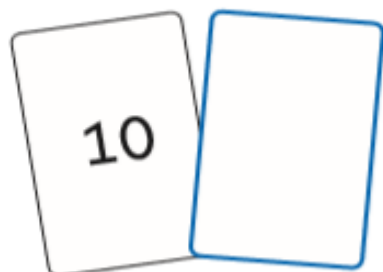
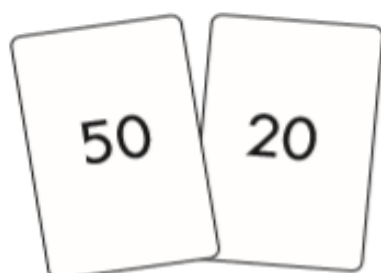
16	14	12			
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4.

Each pair of cards has a **total of 70**

Write numbers to complete the pairs.

One is done for you.



5.

Amy has 50p.

She buys a pencil for **30p**.

Tick the purse that shows how much money Amy has **left**.



6.

Put a **digit** into each empty box to make the calculation correct.

$$\begin{array}{|c|} \hline 1 \\ \hline \end{array} \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} \begin{array}{|c|} \hline 3 \\ \hline \end{array} = \begin{array}{|c|} \hline 2 \\ \hline \end{array} \begin{array}{|c|} \hline 9 \\ \hline \end{array}$$

7.

Sam has four number cards.

Use **three** of his cards to make these correct.

$$\boxed{27} + \boxed{} = \boxed{67}$$

$$\boxed{54} - \boxed{} = \boxed{34}$$

$$\boxed{} + \boxed{88} = \boxed{98}$$

8.

Ben has **63** beads.


He gives **37** beads away.

How many beads does Ben have **left**?

beads

9.

Sam plays a maths game.

Each  is equal to **2** points.

$$\text{leaf} + \text{acorn} + \text{acorn} = 10 \text{ points}$$

How many points is **one**  equal to?

points

10.

Ajay's plant was **11** centimetres tall.

It grows **7** centimetres taller.

How tall is the plant now?



cm

Column Addition Practice (No Regrouping)

a.				b.				c.				d.				e.			
	2	1			3	4			1	6			2	3			3	4	
+	1	1		+	1	2		+	2	1		+	1	2		+	2	0	
f.				g.				h.				i.				j.			
	1	6			1	5			2	0			3	2			2	4	
+	3	2		+	4	3		+	2	9		+	2	2		+	3	3	
k.				l.				m.				n.				o.			
	3	6			2	6			4	7			2	4			4	9	
+	3	2		+	3	1		+	2	2		+	2	3		+	3	0	

Remember to always start with the ones, and keep your columns in line!

Column Addition Practice (With Regrouping)

a.				b.				c.				d.				e.			
	2	8			1	8			1	9			2	6			1	7	
+	1	3		+	1	6		+	3	5		+	1	6		+	3	8	
f.				g.				h.				i.				j.			
	1	6			2	4			4	5			3	8			4	9	
+	2	5		+	2	8		+	1	5		+	3	6		+	2	6	
k.				l.				m.				n.				o.			
	7	5			5	7			3	5			5	6			4	8	
+	1	9		+	2	8		+	4	7		+	3	6		+	3	3	

Remember to always start with the ones, and keep your columns in line!

Don't forget to add up any exchanged 'tens' too.

Column Subtraction (No Exchanging)

a.				b.				c.				d.				e.			
	3	3			2	5			1	6			2	7			2	9	
-	1	1		-	1	3		-	1	0		-	1	6		-	1	2	
f.				g.				h.				i.				j.			
	2	6			3	2			2	9			4	2			2	7	
-	1	3		-	2	0		-	1	4		-	1	2		-	2	3	
k.				l.				m.				n.				o.			
	2	7			3	8			4	8			3	3			3	9	
-	1	2		-	2	7		-	3	6		-	1	3		-	2	1	

Remember to always start with the ones, and keep your columns in line!

Column Subtraction (With Exchanging)

a.				b.				c.				d.				e.		
	2	3			2	6			2	2			3	8			2	1
-	1	7		-	1	9		-	1	6		-	2	9		-	1	3
f.				g.				h.				i.				j.		
	3	3			4	4			4	7			3	8			4	1
-	1	5		-	2	7		-	1	8		-	1	9		-	2	6
k.				l.				m.				n.				o.		
	4	5			4	0			4	1			5	6			5	2
-	2	9		-	2	8		-	1	7		-	3	7		-	3	8

Remember to always start with the ones, and keep your columns in line!

Don't forget you are taking away the bottom digit from the digit above.