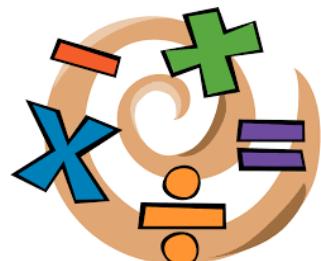


Hello!

The Maths department have put together a selection of tasks for you to complete. Do what you can and don't worry if you get a bit stuck!

Don't forget that you can still work on Mathletics and there is also some online tasks and games on the school website.



Maths Tasks : Pathway 4

Can you complete the following number sequences.

Remember to find the difference between the numbers first before you continue the sequence

1. 3, 9, 15, 21, __, __, __, __, __.
2. 4, 13, 22, 31, __, __, __, __, __.
3. 17, 23, 29, 35, __, __, __, __, __.
4. 6, 15, 24, 33, __, __, __, __, __.
5. 14, 39, 64, 89, __, __, __, __, __.

Now we have counted forwards lets go backwards

6. 99, 93, 87, 81, __, __, __, __, __.
7. 78, 67, 56, 45, __, __, __, __, __.
8. 232, 207, 182, 157, __, __, __, __, __.
9. 123, 117, 111, 105, __, __, __, __, __.
10. 37, 28, 19, 10, __, __, __, __, __.

What do you notice about question 10. Explain your answer below: -

Now we are going to look at some addition and subtractions.
Complete them on the back of this sheet.

1. $445 + 374$	6. $753 - 379$
2. $465 + 193$	7. $316 - 125$
3. $194 + 194 + 194$	8. $783 - 429$
4. $957 + 387$	9. $1032 - 263$
5. $1775 + 3887$	10. $6757 - 3028$

Lets look at some word problems now

11. Michael had 262 stickers. He swapped 95 for a comic and 78 for a poster. How many stickers does he have now?
12. In a Cinema there are 558 chairs in the theatre. Only 376 people come to the cinema. How many chairs are empty?
13. Joshua has 1294 adventure cards. He buys another 658. How many does he have now?
14. Mrs Howbrigg makes 638 cakes for the Children In Need Cake Sale, but Mr Sadler buys 229 of them before the sale starts and Mrs Kidwell buys 145. How many cakes are left for the sale?
15. In a forest there are 2256 trees. Loggers cut down 457 and plant 762 more. How many trees are left in the forest? How many trees in 3 forests like this?

Can you now complete the multiplication square below

\times	1	2	3	4	5	6	7	8	9	10
1	1									
2			6			12				
3									27	
4			12							
5							35			
6				30						
7		14								70
8								64		
9			36							
10								80		

Using the information above answer the following questions.

6×3	8×4	2×9	6×7	1×10
4×2	9×6	5×8	10×7	3×8

Coordinates

Plot each pair of coordinates on the following sheet. Name each shape as accurately as possible.

a) $(1, 1) (4, 1) (4, 5)$

Shape name = _____

b) $(7, 1) (10, 2) (5, 3)$

Shape name = _____

c) $(7, 4) (11, 4) (9, 8)$

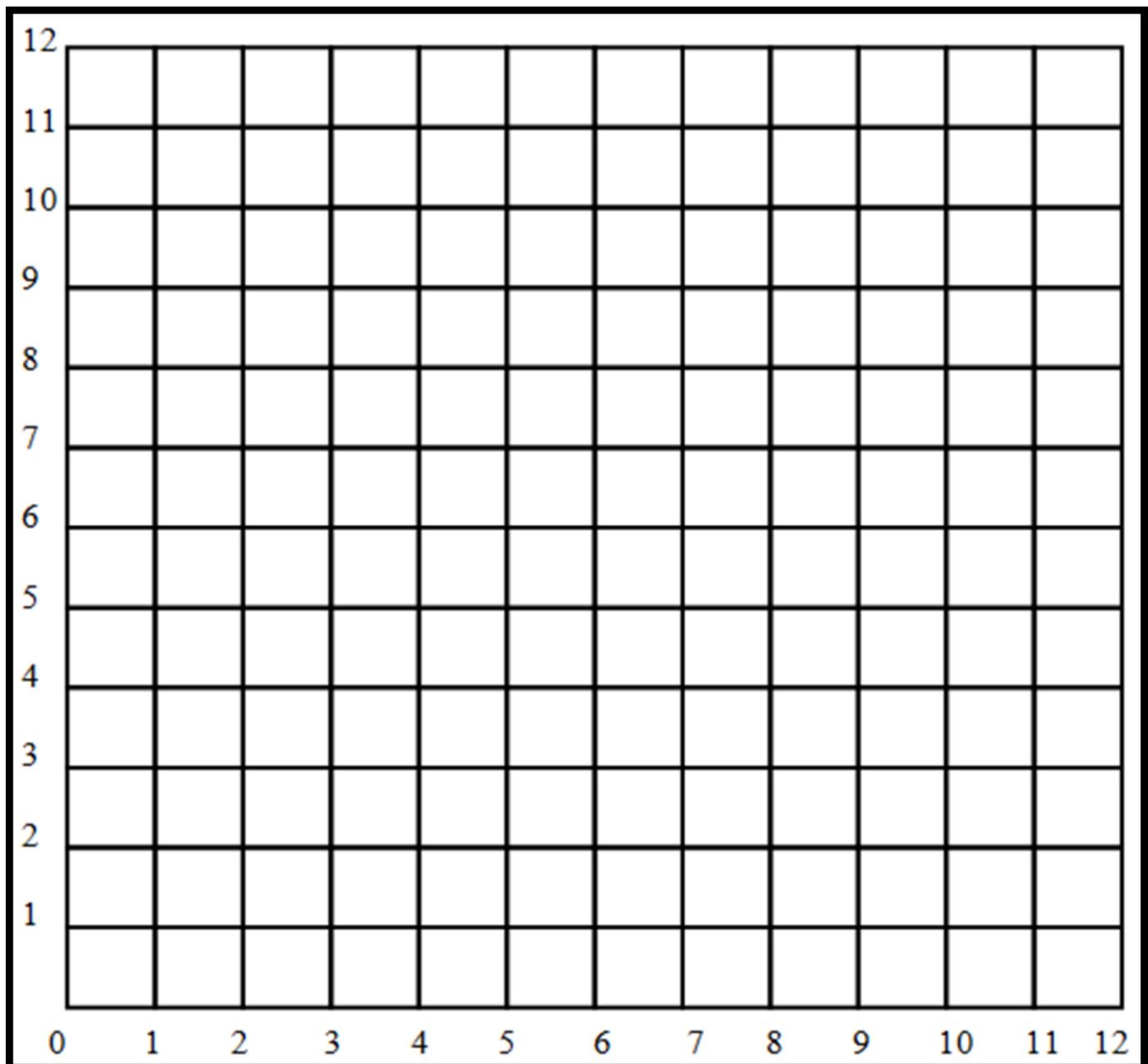
Shape name = _____

d) $(9, 9) (12, 9) (12, 12) (9, 12)$

Shape name = _____

e) $(3, 5) (5, 5) (7, 7) (7, 9) (5, 11) (3, 11) (1, 9) (1, 7)$

Shape name = _____



Maths Tasks : Pathway 5

Can you order the following numbers from smallest to largest.

1. 56, 742, 6459, 6457, 563
2. 2348, 9473, 5539, 5567, 5959
3. 64836, 72337, 36748, 39354, 84528
4. 295628, 835784, 875278, 457510, 875799
5. 745786, 763840, 735645, 745659, 784540

Using the following digits can you make the largest number possible and the smallest number and write them in both numerals and words.



Biggest _____

Smallest _____

Can you solve the following number sequences

4, 11, 18, 25, 32, __, __, __, __, __.

1, 2, 4, 8, 16, __, __, __, __, __.

1, 2, 3, 5, 8, 13, __, __, __, __, __.

Addition and subtraction problems.

	4	8	4	3	8	1
+	7	9	9	5	3	6

	1	4	6	6	5	8
	3	3	7	9	2	2
+	2	9	6	8	5	5

	3	5	3	6	4	1
	5	4	6	8	7	2
+	7	6	5	2	3	1

	3	7	2	9	2	9
	4	4	6	6	4	4
+	6	6	6	6	6	6

	8	5	7	2	0	4
-	3	1	2	0	6	1

	5	3	4	3	9	4
-	1	7	6	2	2	8

	9	6	6	4	6	8
-	4	6	2	9	6	1

	7	5	3	5	3	5
-	4	5	8	7	9	2

Let's look at a couple of word problems now

Barry had 26562 beads. He had 9536 red beads and 8938 black beads. How many white beads does he have left?

At Old Trafford there are 76584 seats. Only 3156 Liverpool fans were in the stadium. How many Manchester United fans were there?

Multiplication

$$46 \times 3$$

x	40	6
3		

$$27 \times 6$$

x	20	7
6		

$$32 \times 5$$

x	30	2
5		

$$52 \times 4$$

x	50	2
4		

$$39 \times 4$$

x	30	9
4		

$$65 \times 7$$

x	60	5
7		

$$47 \times 5$$

x	40	7
5		

$$63 \times 6$$

x	60	3
6		

$$29 \times 4$$

x	20	9
4		

$$76 \times 4$$

x			

$$56 \times 6$$

x		

$$79 \times 6$$

x		

1) A bag holds 9 cherries. Gemma has 17 bags of cherries. How many does she have? _____ cherries

2) Amy scores 3 goals every game. She plays in 31 games for the season. How many goals has she scored altogether?

_____ goals

3) There are 15 stickers on a sheet. A teacher buys 24 sheets of stickers. How many stickers will there be?

_____ stickers

Perimeter and Area

Calculate the area and perimeter of all the shapes below

