

Name :

1. Work these out [2]
 - a) $6 - 11 = \dots\dots\dots$
 - b) $5 - 4 = \dots\dots\dots$
2. Give the first five multiples of 7 [1]
3. Find the lowest common multiple of 6 and 10 [1]
4. Complete the table with the right answer from the table: [3]

$y=4$	$x=1$	$x=3$	$y=2x-1$	$y=-3$	$y=2-5x$
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Lines parallel to the x-axis	Lines parallel to the y-axis	Straight lines

5. Solve these equations: [3]
 - a) $3x+2=17$
 - b) $4(y-1)=2y-2$
 - c) $\frac{z}{7} - 1 = 4$

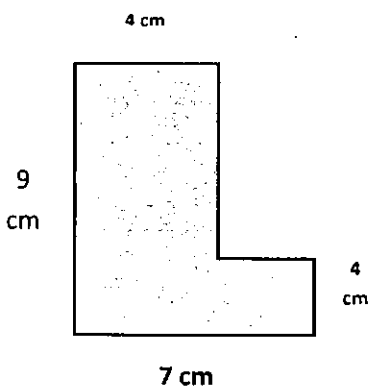
6. Complete the table: [2]

Shape	Number of vertices	Number of sides	Number of lines of symmetry
Rectangle			
Square			

7. Tick (✓) whether the data is primary or secondary: [1]

	Primary	Secondary
Adam collects data about heights by measuring students in his class	<input type="checkbox"/>	<input type="checkbox"/>
Karim collects data about animals using internet.	<input type="checkbox"/>	<input type="checkbox"/>

8. Here is a compound shape:

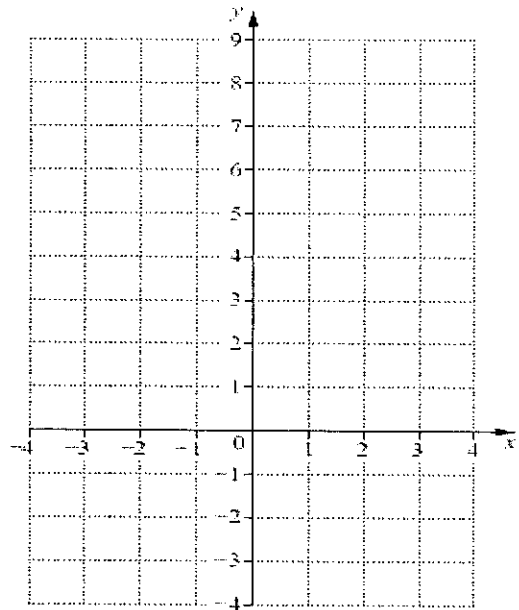


- a) Work out the perimeter of this shape.
 $p = \dots\dots\dots \text{cm}$ [1]
- b) Work out the area of this shape.
 $A = \dots\dots\dots \text{cm}^2$ [1]

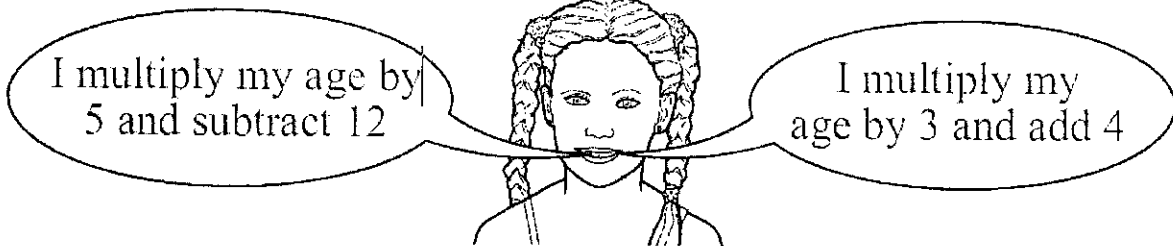
9. Here is the line $y=2x-1$

x	-1	0	1	2
y				

Complete the tables and draw it on a graph [2]



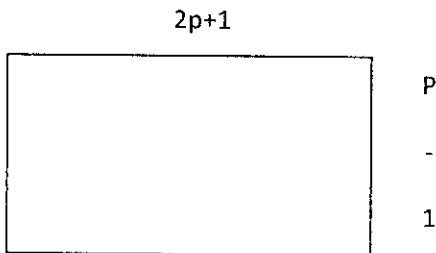
10. Basma does two calculations.



She gets the same answer to both calculations.
 Basma's age is b years.
 Write down an equation in b . and find the age of basma

$b = \dots\dots\dots$ years [1]

11. Here's a rectangle.



What is the perimeter of this rectangle? $\dots\dots\dots$ [1]

The perimeter of this shape is 24cm. Find p . $p = \dots\dots\dots$ [1]