

PROGRESSION EXAM

Read each question carefully. You may need a sheet to do some working.

1. QUESTION

How many hundreds are there in the number 34,565?

Answer _____

2. QUESTION

Write in words, the number represented in the place value chart below.

HTh	$\begin{matrix} T \\ Th \end{matrix}$	Th	Hun	Tens	Ones
9	5	2	2	4	8

Answer _____

3. QUESTION

Insert the missing number to correctly complete the expanded notation. Type your answer in the space provided.

$$8495 = (8 \times \boxed{}) + (4 \times 100) + (\boxed{} \times \boxed{}) + (\boxed{} \times 1)$$

4. QUESTION

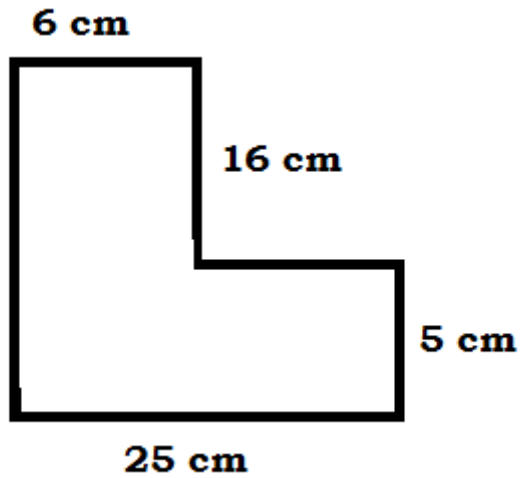
In the number pattern below, write in the missing number.

Number Pattern :

3, 8, 15, _____, 35

5. QUESTION

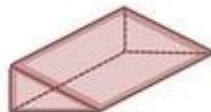
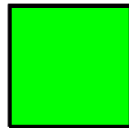
Calculate the perimeter of the compound shape not drawn to scale.



Answer= _____

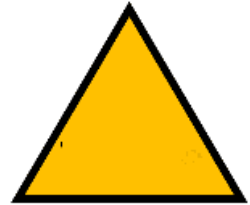
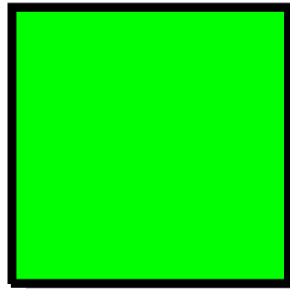
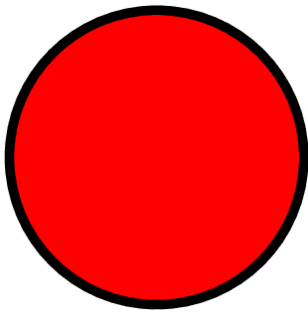
6. QUESTION

Draw lines to match the cross-sections with the correct solids.



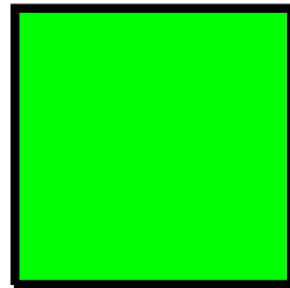
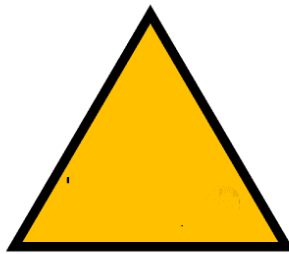
7. QUESTION

Which of the following plane shape is NOT regular?



8. QUESTION

Lewis has the 5 pieces of cardboard shown below.



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Which of the following shapes could he make using all 5 of these without cutting them.

☐ cuboid

☐ triangular-based prism

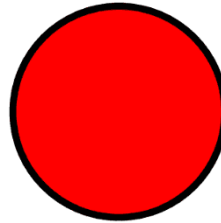
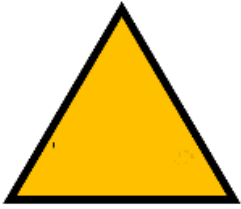
☐ square-based pyramid

☐ triangular-based
pyramid

☐ cube

9. QUESTION

Using the plane shapes shown below, select the plane shapes to help form a solid with a square base.



10. QUESTION

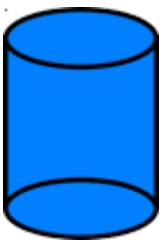
Use the shapes given to complete the table below.

SORT ELEMENTS - rhombus rectangle trapezium parallelogram

only 1 pair of parallel sides	
4 equal angles	
4 equal sides	
opposite sides are parallel	

11. QUESTION

Complete the following information about the solid shape below.



Name the shape - _____

Number of faces - _____

Number of vertices - _____

Number of edges - _____