

Al Moattasem International School

Level 5

Mathematics

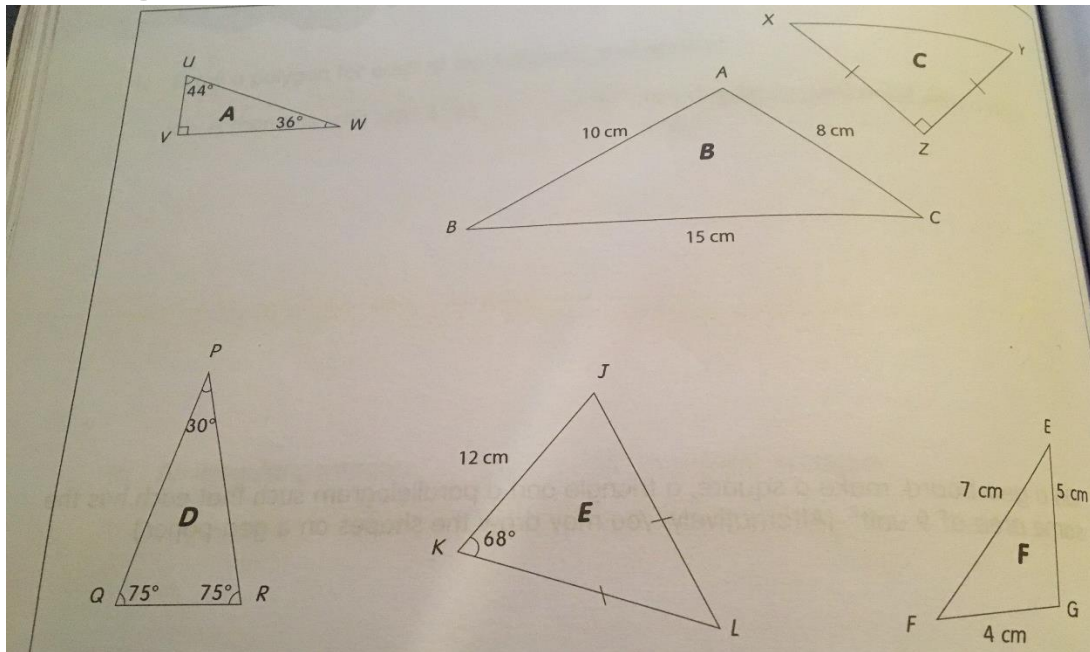
Revision worksheet -4 Answers

Chapter 12- Plane shapes, Chapter 15 –Solid figures

A. Fill up

1. Equilateral is a triangle having all the three sides equal.
2. Isosceles triangle is a triangle having 2 sides equal.
3. Right angled triangle is a triangle having one of its angle equal to 90 degree.
4. Scalene triangle is a triangle having 0 sides equal.
5. A polygon having all four sides equal. but all angles are not equal to 90 degree. Rhombus
6. Name the polygon that have only one pair of opposite side parallel Trapezium.

B. Answer the questions using following triangles



1. List the triangles that are isosceles but not right-angled.

E, D


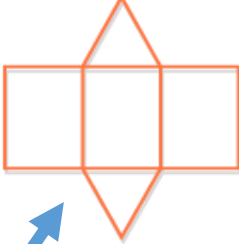
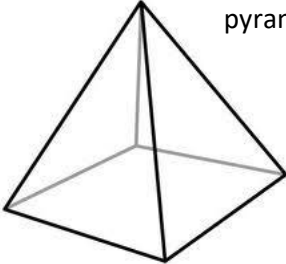
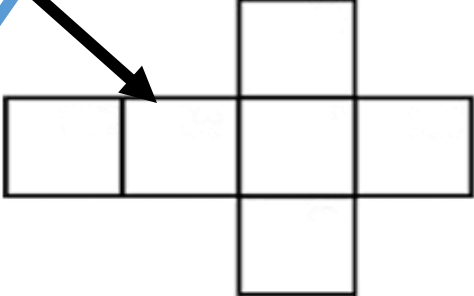
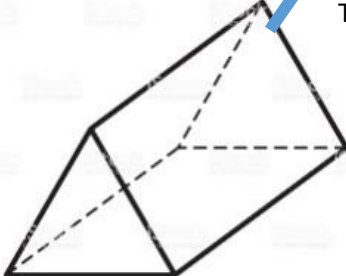
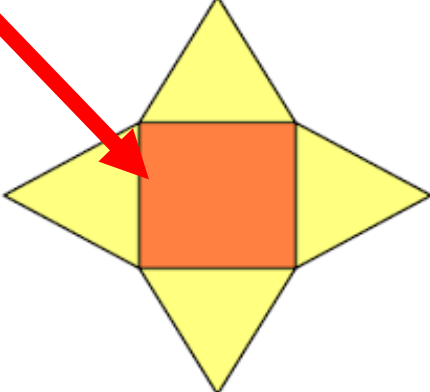
2. In triangle A, the shortest side is

3. In triangle B, the largest angle is

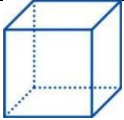

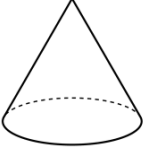
4. In triangle C, the longest side is

5. In triangle D, the shortest side

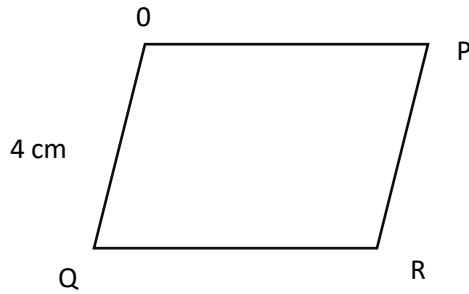
C. Match the solids with their nets.

Solids	NETS
 <p data-bbox="545 436 607 464">Cube</p>	
 <p data-bbox="480 768 643 831">Square based pyramid</p>	
 <p data-bbox="367 1535 516 1562">Triangular prism</p>	

D. Complete the table.

Solids	Name of solid	Properties		
		Types and number of faces	Types and number of edges	Number of vertices
	Cube	6 squares, right angled to adjacent squares	12 edges of equal length	8
	Cylinder	2 flat circular faces, 1 curved surface.	2 round edges	0
	Cone	1 circular flat face, 1 curved surface	1 round edge	1

E.



OPQR is a parallelogram. OQ is 4 cm. OP is 2 times the length of OQ. Find the length of QR.

$$\text{OP} = 2 \times 4 = 8 \text{ cm}$$

QR = cm (opposite sides of a parallelogram are equal)