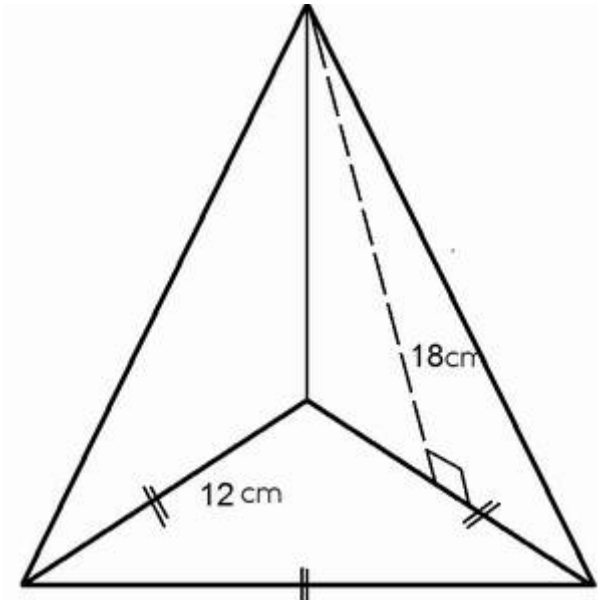


NETS OF SHAPES - AREA

The net of a shape can be used to find the surface area of a 3D shape.

1. QUESTION

Find the surface area of the tetrahedron (also called a pyramid) below. Note the height of the base triangle is 10 cm. On a blank page draw your net of the tetrahedron and calculate the area. Type your answers below.



Guide:

A tetrahedron has _____ faces

Area of base triangle = _____ cm²

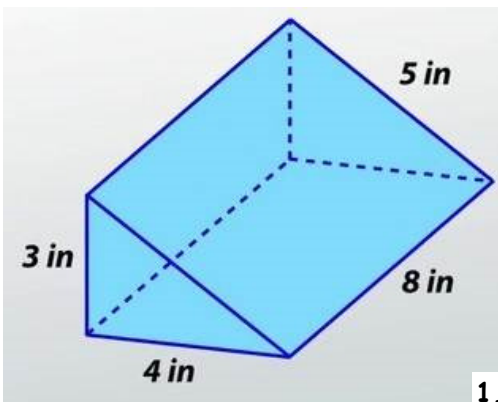
Area of one side of the standing triangle = _____ cm²

Area of all the 3 standing triangles = _____ cm²

Surface area of tetrahedron = _____ cm² ← **Answer**

2. QUESTION

Find the surface area of the prism below. On a blank page draw your net and calculate the area. Type your answers below.



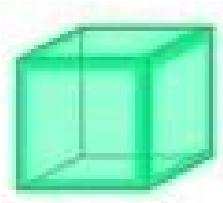
Area of base triangles = in² x 2 = in²

Area of rectangles = in² x 3 = in²

Surface area of prism = in²

3. QUESTION

Find the surface area of the cube with sides 3 cm. On a blank page draw your net and calculate the area. Type your answers below.

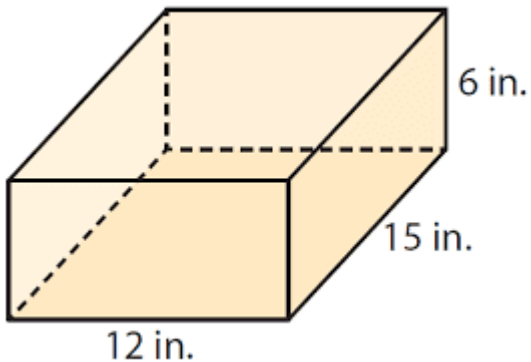


Area of one square face = _____ cm^2

Surface area of cube = cm^2 x faces = _____ cm^2

4. QUESTION

Find the surface area of the cuboid below.



Answer = _____