THIRD SPACE LEARNING

Math Nets Worksheet

Geometry

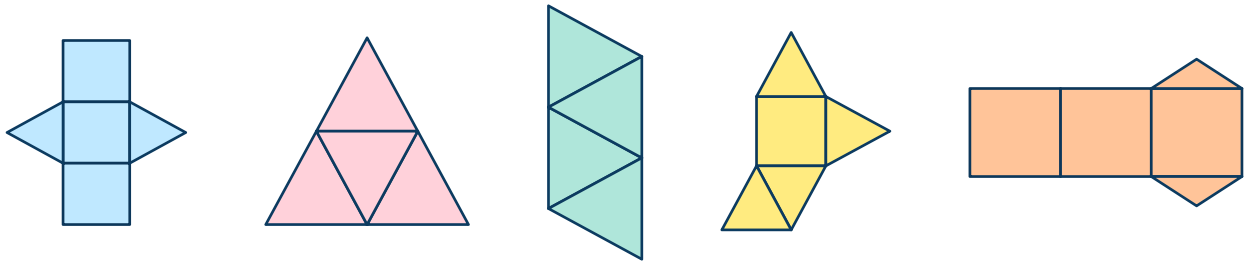
Grades 6 to 8

Questions

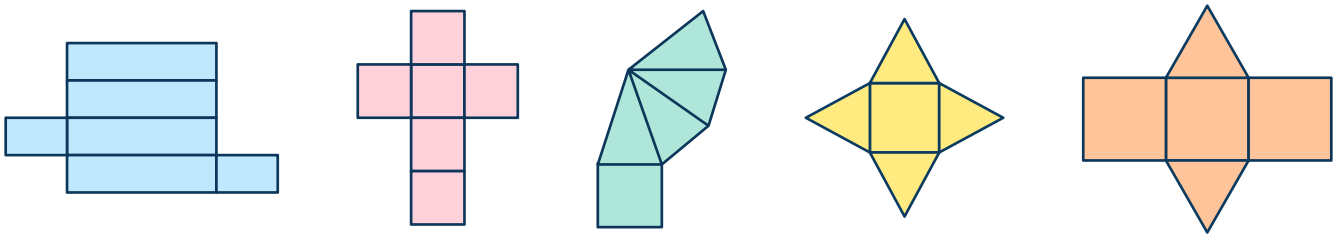
Name: .....

Date: .....

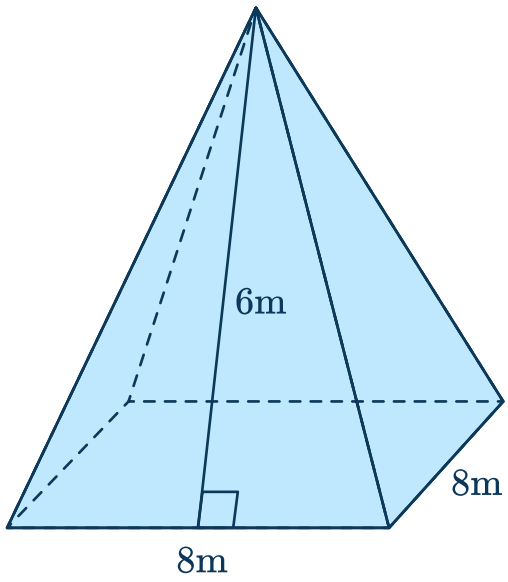
1 Circle all the nets that represent a triangular prism.



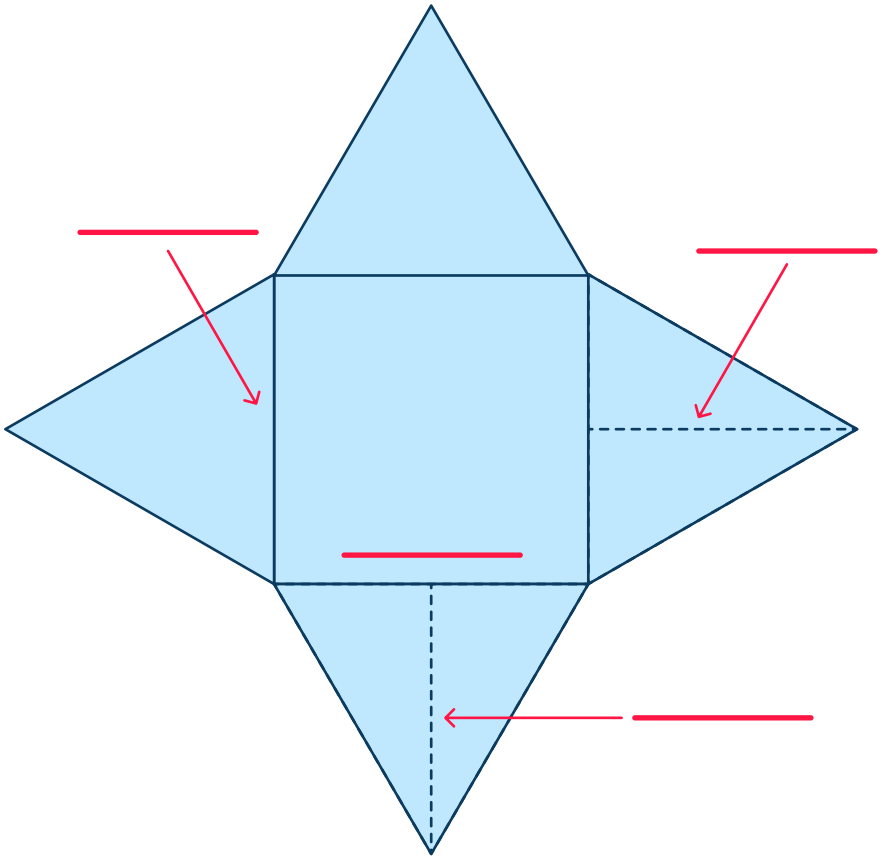
2 Circle all the nets that represent a square pyramid.



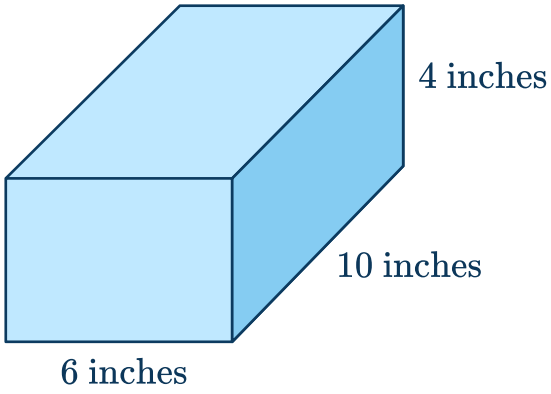
3



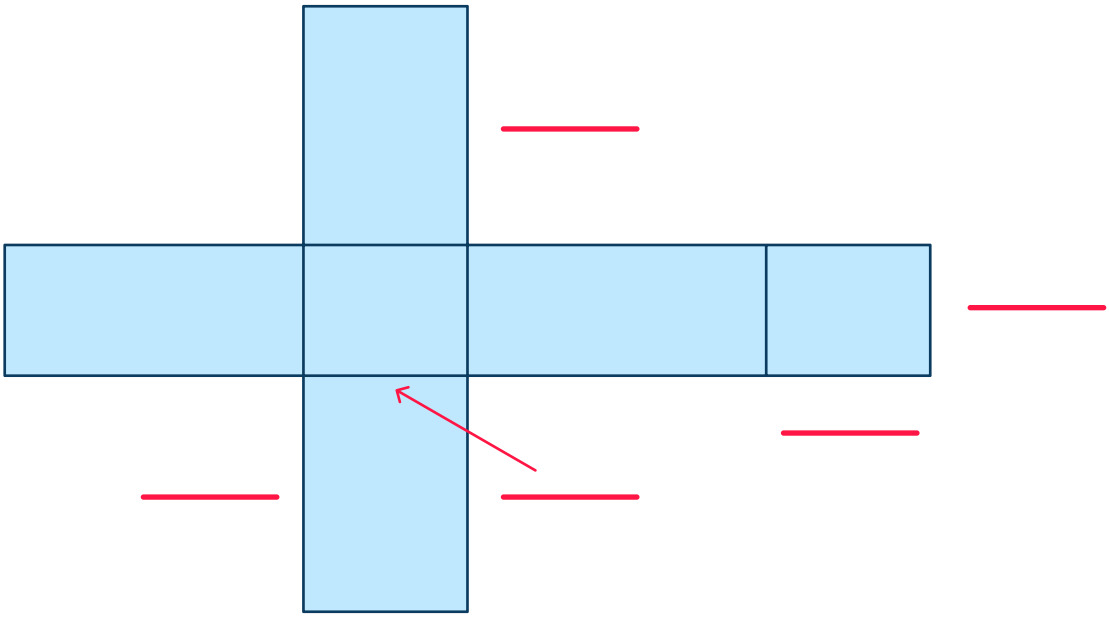
The net of the square pyramid is shown below. Fill in the blanks to show the dimensions.



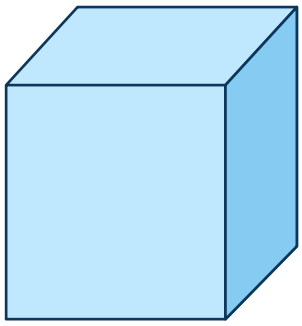
4



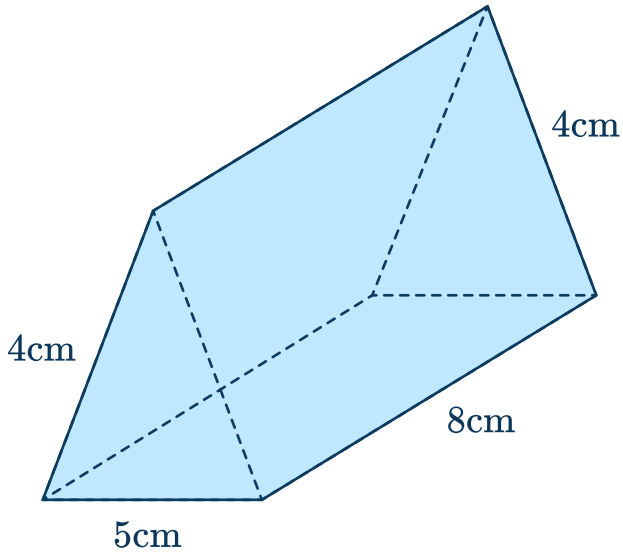
The net of the rectangular prism is shown below. Fill in the blanks to show the dimensions.



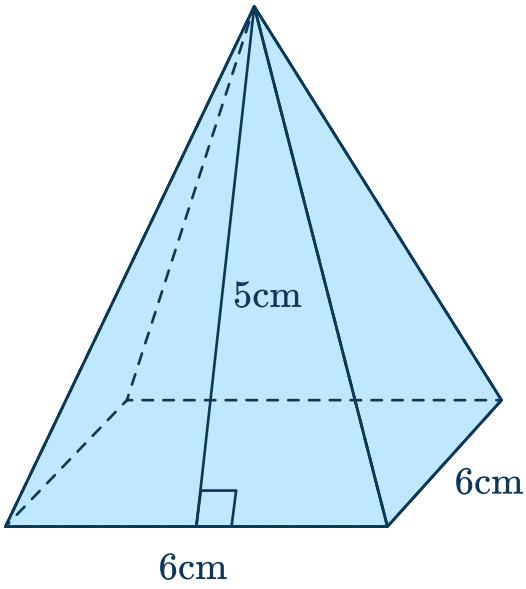
5 Draw a net for this cube. Label the length, width and height on the net.



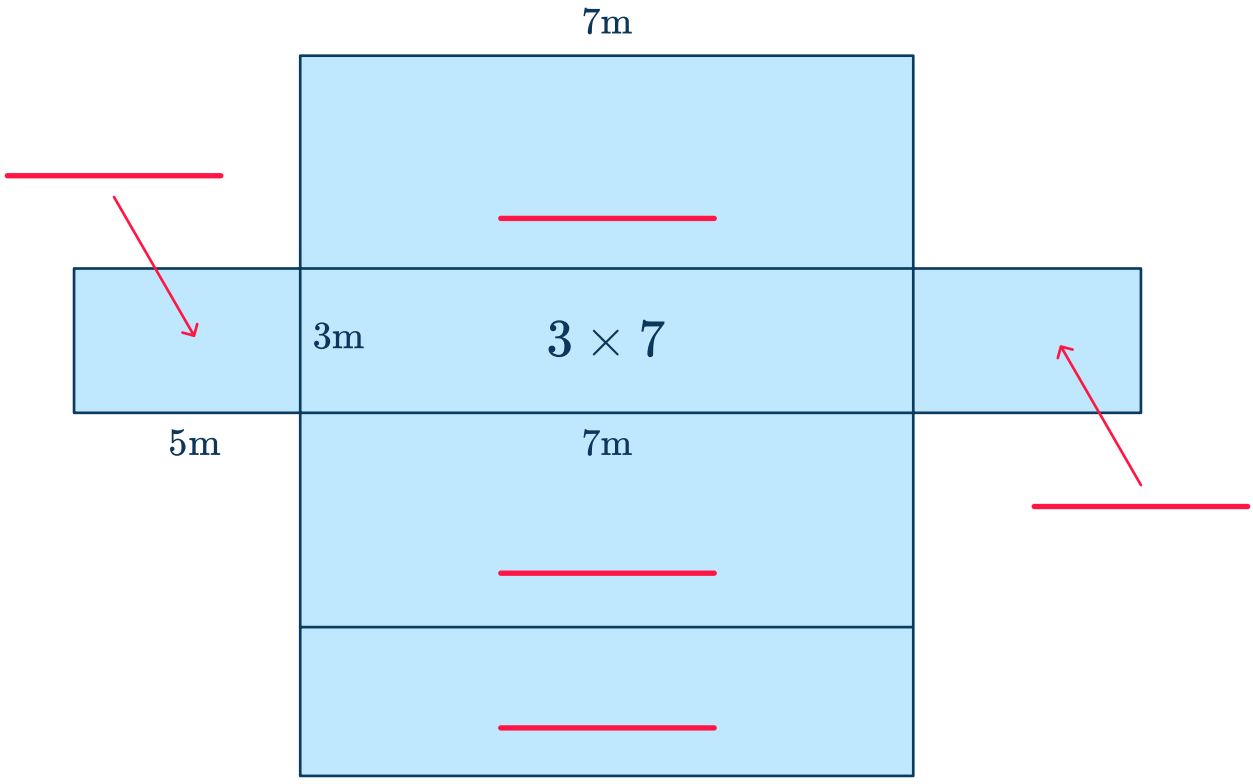
6 Draw a net of this triangular prism. Label the dimensions of the triangle and the prism's height on the net.



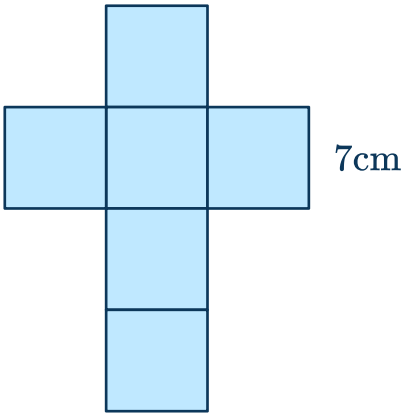
7 Draw the net for this square pyramid. Label **all** the dimensions on the net.



8 Below is a net of a rectangular prism. Write the expression for the area of each face in the blanks. One is completed for you.

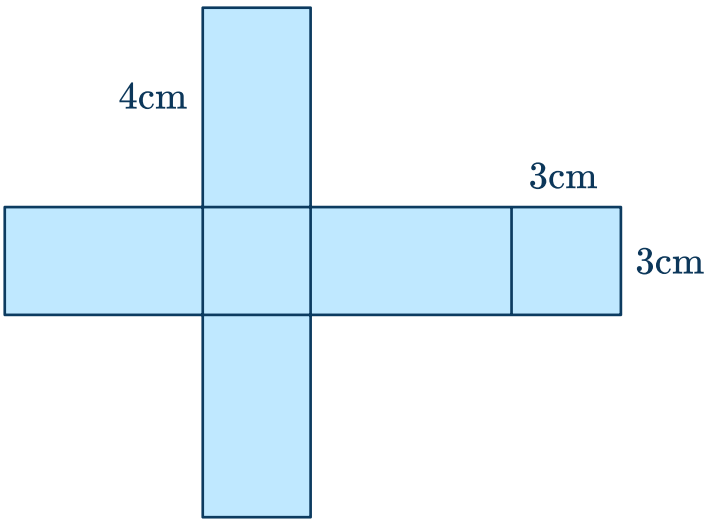


9 The net of a cube is given. Find the surface area.



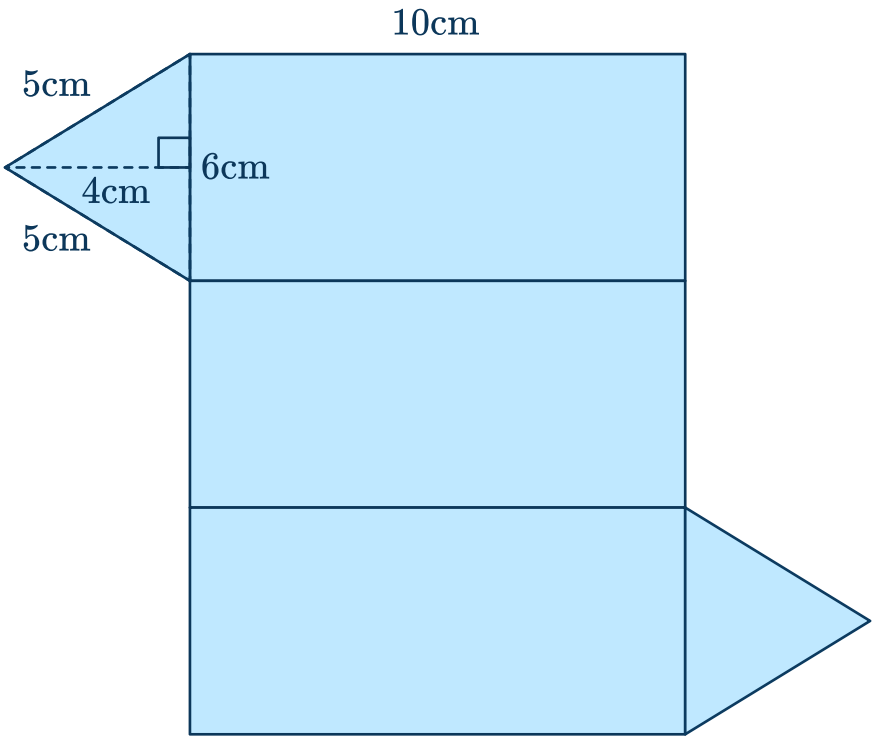
Answer

10 The net of a rectangular prism is given. Find the surface area of the prism.



Answer

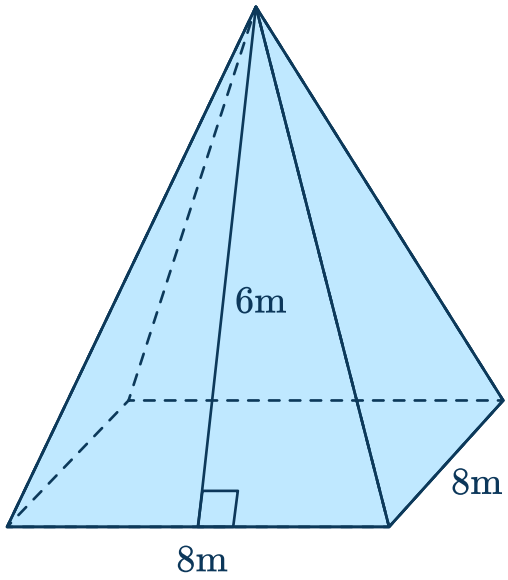
11 Find the surface area using the net.



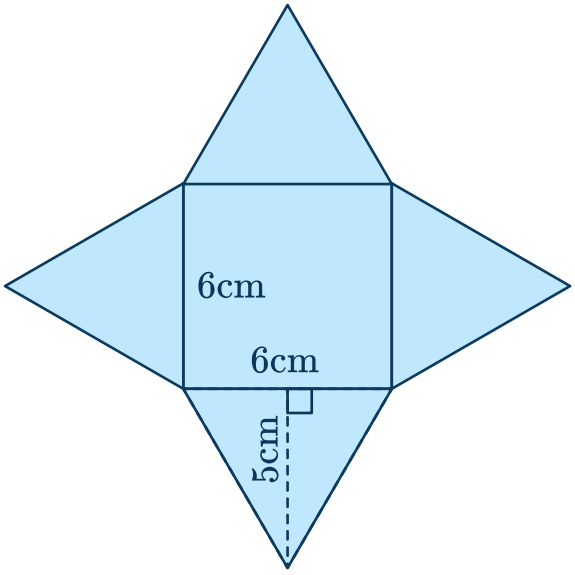
Answer

12 Draw the net of a rectangular prism with dimensions 5 ft × 3 ft × 4 ft. Then label the dimensions of each face on the net.

13 Draw a net for this square pyramid. Label the dimensions given on the net.



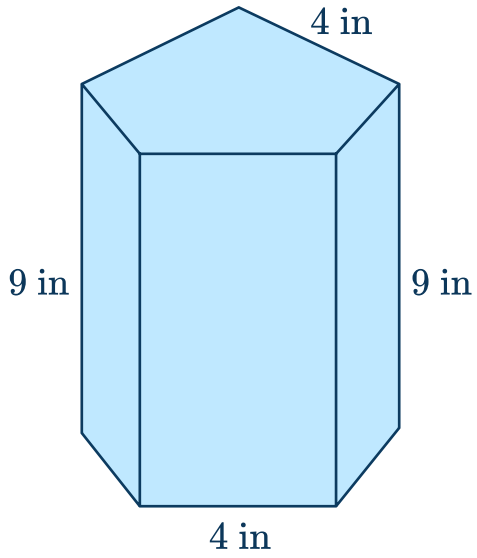
14 The net of a pyramid is shown.



Find the surface area of the pyramid.

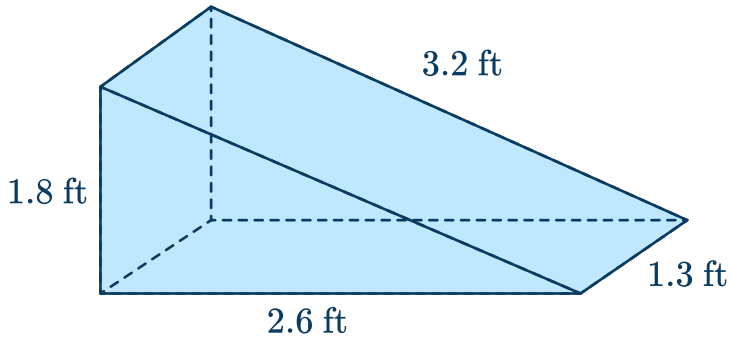
Answer

15 Draw the net of this pentagonal prism. Label the dimensions given on the net.



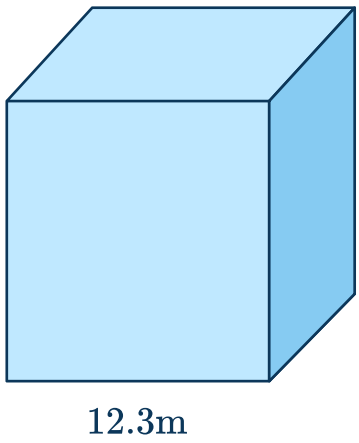
16 Draw a net for a rectangular prism with dimensions 2.5m by 3m by 7.1m. Write the expression for the area on each face of the net.

17 Find the surface area of the triangular prism.



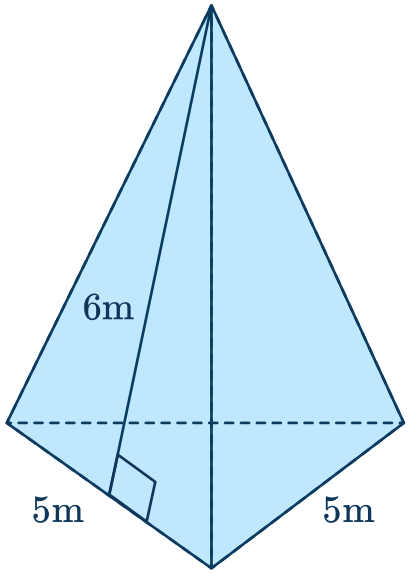
Answer

18 Find the surface area of the cube.

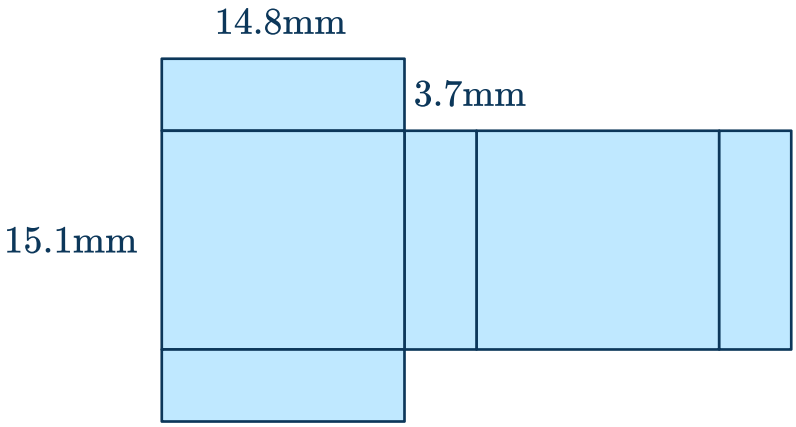


Answer

19 Draw a net for this triangular pyramid. Label the dimensions on the net.

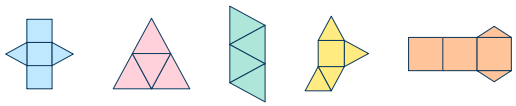
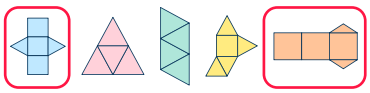
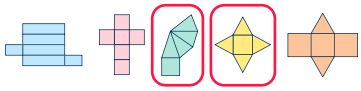
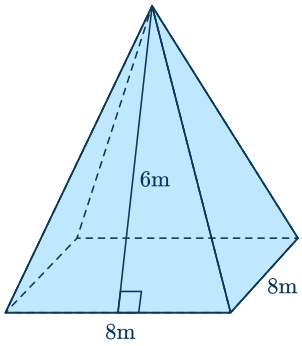
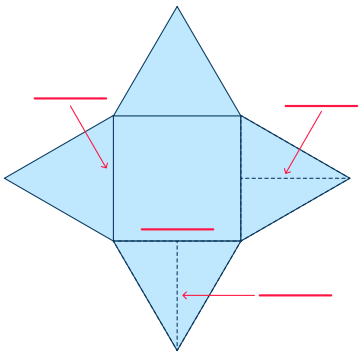
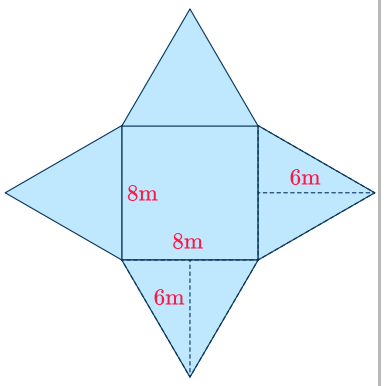


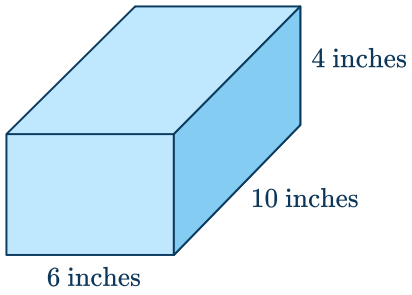
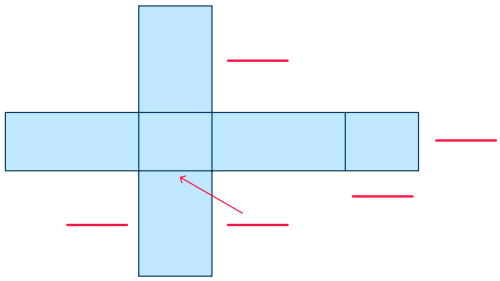
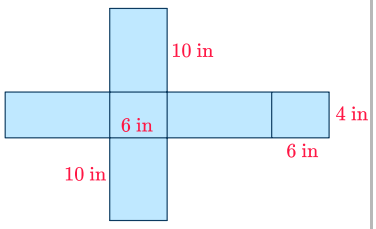
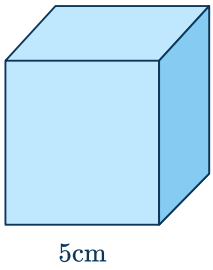
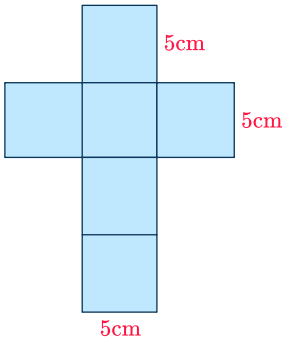
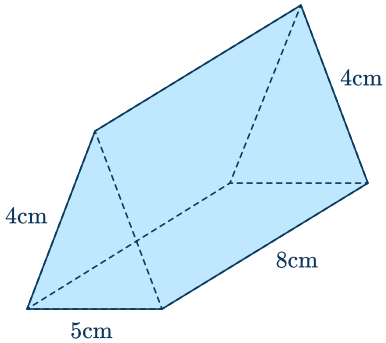
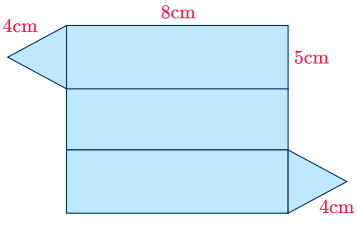
20 The net of a rectangular prism is shown. Find the surface area of the prism.

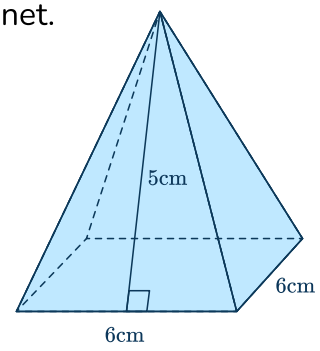
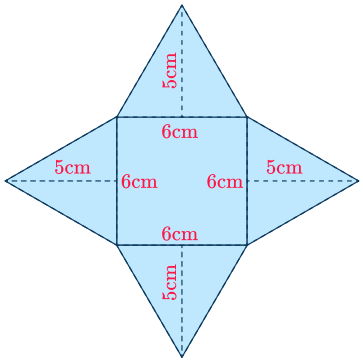
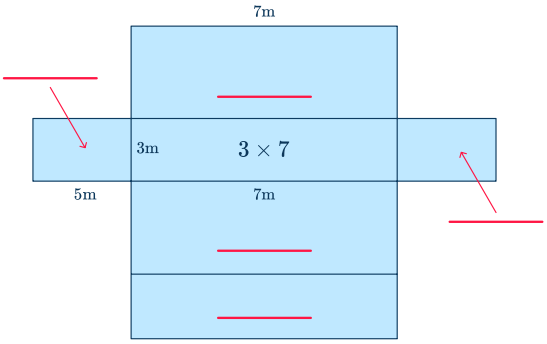
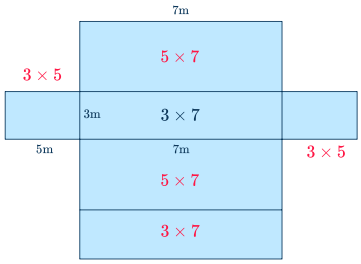
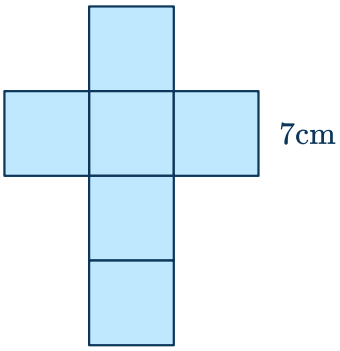


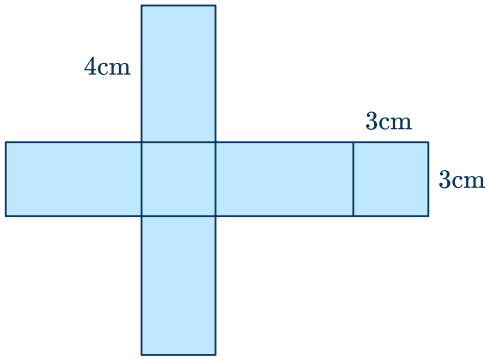
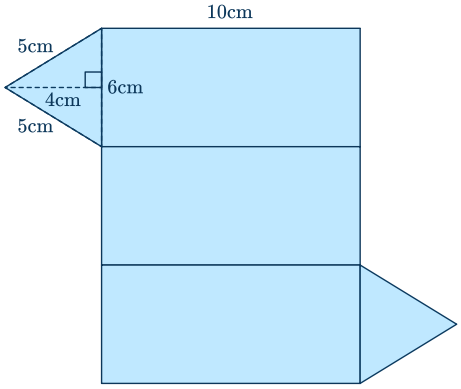
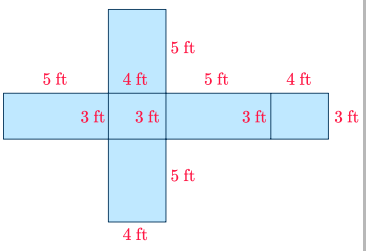
Answer

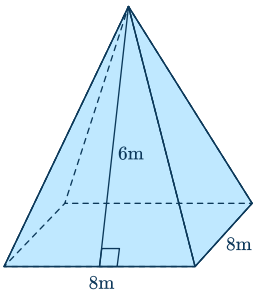
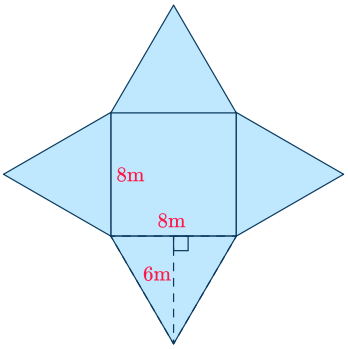
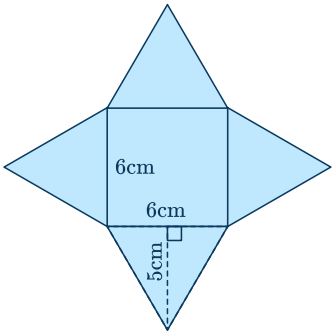
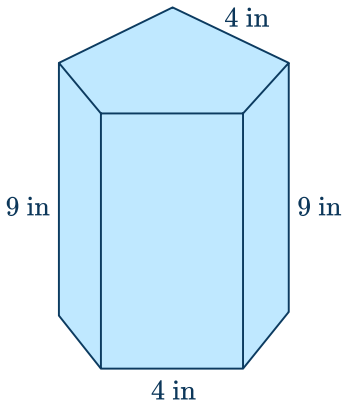
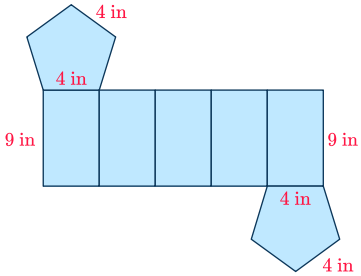
Answers

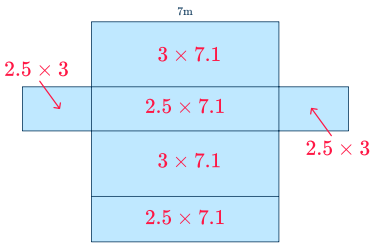
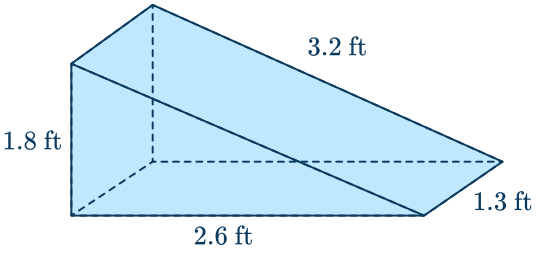
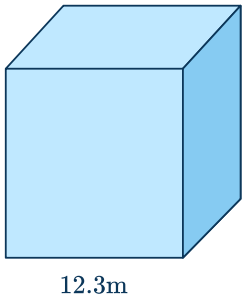
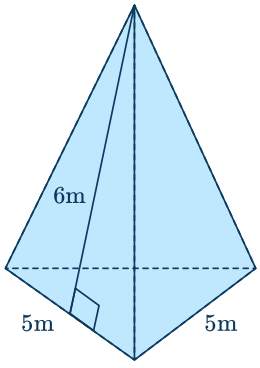
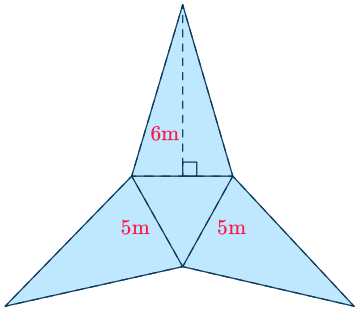
Question number	Question	Answers	Standard
1	Circle all the nets that represent a triangular prism. 		6.G.A.4
2	Circle all the nets that represent a square pyramid. 		6.G.A.4
3	 The net of the square pyramid is shown below. Fill in the blanks to show the dimensions. 		6.G.A.4

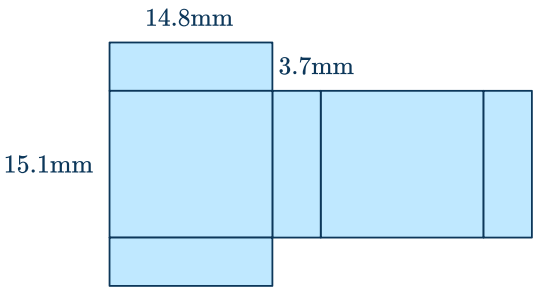
Question number	Question	Answers	Standard
4	 The net of the rectangular prism is shown below. Fill in the blanks to show the dimensions. 		6.G.A.4
5	Draw a net for this cube. Label the length, width and height on the net. 	Example net: 	6.G.A.4
6	Draw a net of this triangular prism. Label the dimensions of the triangle and the prism's height on the net. 	Example net: 	6.G.A.4

Question number	Question	Answers	Standard
7	Draw the net for this square pyramid. Label **all** the dimensions on the net. 	Example net: 	6.G.A.4
8	Below is a net of a rectangular prism. Write the expression for the area of each face in the blanks. One is completed for you. 		6.G.A.4
9	The net of a cube is given. Find the surface area. 	6 x (7 x 7) = 294 cm²	6.G.A.4

Question number	Question	Answers	Standard
10	The net of a rectangular prism is given. Find the surface area of the prism. 	Rectangular faces: 4 x (3 x 4) = 48 cm² Square faces: 2 x (3 x 3) = 18 cm² Total surface area = 66 cm²	6.G.A.4
11	Find the surface area using the net. 	Triangular faces: 2 x (6 x 4 ÷ 2) = 24 cm² Rectangular faces = 10cm x 6cm = 60 cm² + 2 x (5 x 10) = 100cm² Total surface area = 184 cm²	6.G.A.4
12	Draw the net of a rectangular prism with dimensions 5 ft x 3 ft x 4 ft. Then label the dimensions of each face on the net.	Example net: 	6.G.A.4

Question number	Question	Answers	Standard
13	Draw a net for this square pyramid. Label the dimensions given on the net. 	Example net: 	6.G.A.4
14	The net of a pyramid is shown.  Find the surface area of the pyramid.	Square face: 6 x 6 = 36 cm² Four triangular faces: 4 x (6 x 5 ÷ 2) = 60 cm² Total surface area = 96 cm²	6.G.A.4
15	Draw the net of this pentagonal prism. Label the dimensions given on the net. 	Example net: 	6.G.A.4

Question number	Question	Answers	Standard
16	Draw a net for a rectangular prism with dimensions 2.5m by 3m by 7.1m. Write the expression for the area on each face of the net.	Example net: 	6.G.A.4
17	Find the surface area of the triangular prism. 	Triangular faces: 2 x (0.5 x 1.8ft x 2.6ft) = 4.68 ft² Rectangular faces: 1.3ft x 3.2 ft = 4.16 ft² 1.3ft x 2.6 ft = 3.38 ft² 1.8ft x 1.3 ft = 2.34 ft² Total surface area = 14.56 ft²	6.G.A.4
18	Find the surface area of the cube. 	6 x (12.3 x 12.3) = 907.74 m²	6.G.A.4
19	Draw a net for this triangular pyramid. Label the dimensions on the net. 		6.G.A.4

Question number	Question	Answers	Standard
20	The net of a rectangular prism is shown. Find the surface area of the prism.  	Two rectangular faces: 2 x (14.8 x 15.1) = 446.96 mm² Two rectangular faces: 2 x (14.8 x 3.7) = 109.52 mm² Two rectangular faces: 2 x (3.7 x 15.1) = 111.74 mm² Total surface area = 668.22 mm²	6.G.A.4

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