

**GRADE 11 ESSENTIAL  
UNIT C – 3D GEOMETRY  
SURFACE AREA - PRISMS AND PYRAMIDS**

Name: \_\_\_\_\_

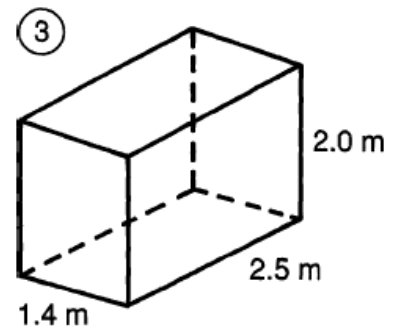
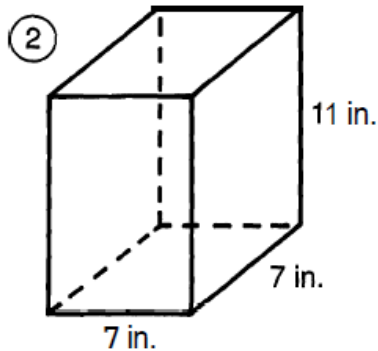
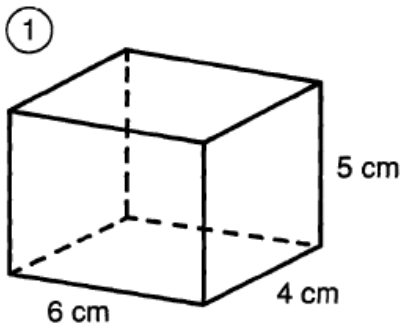
Date: \_\_\_\_\_

## What Is Cold And Comes In Cans?

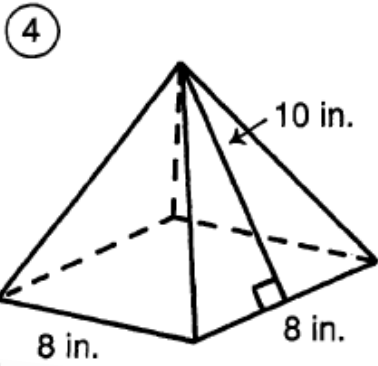
Find the surface area of each figure. Cross out the box containing each correct answer. **When you finish**, write the letters from the remaining boxes in the spaces below.

MU 340 m <sup>2</sup>	<del>RI</del> 224 in. <sup>2</sup>	CH 3,120 mm <sup>2</sup>	OW 148 cm <sup>2</sup>	OP 80 in. <sup>2</sup>	FO 3,300 mm <sup>2</sup>	IL 118 in. <sup>2</sup>
IB 81.5 cm <sup>2</sup>	AR 22.6 m <sup>2</sup>	CL 60.45 cm <sup>2</sup>	EA 312 m <sup>2</sup>	CA 145.92 cm <sup>2</sup>	NS 25.8 m <sup>2</sup>	KE 406 in. <sup>2</sup>

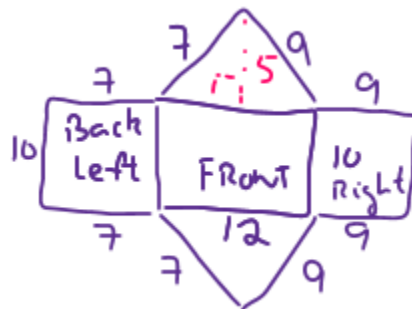
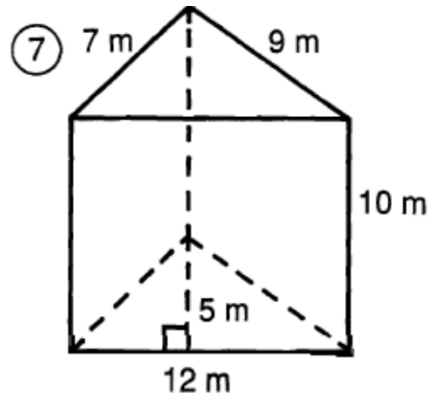
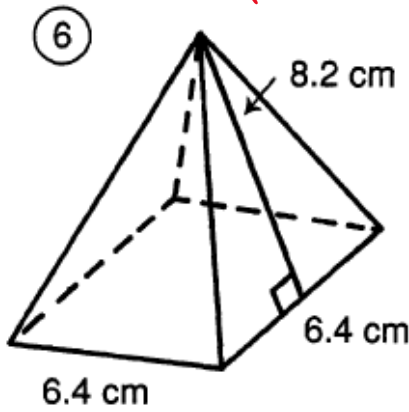
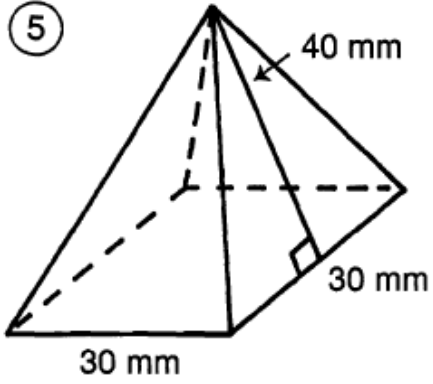
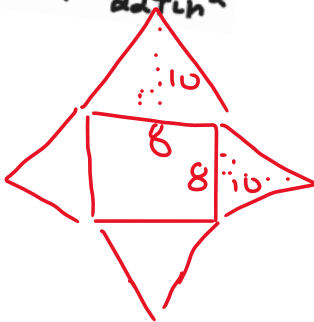
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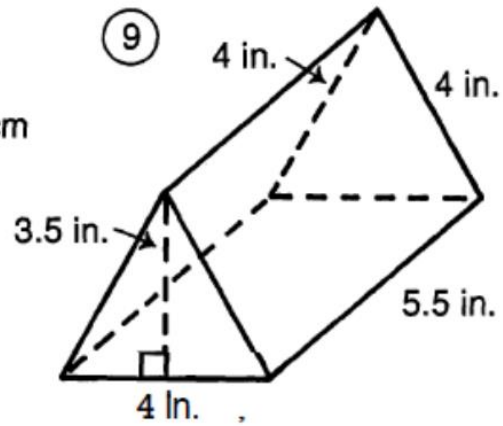
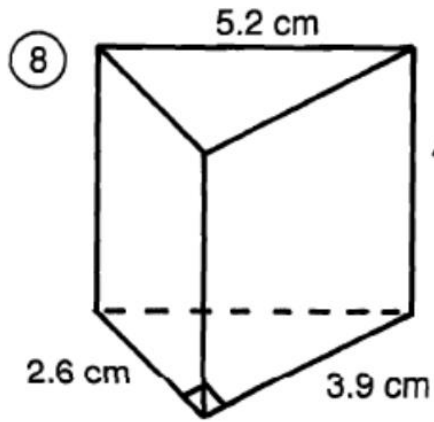


Draw Net  
If necessary



Square base  
 $A = 8 \cdot 8 = 64 \text{ in}^2$   
 4 Triangles  
 $= (\frac{1}{2} b \cdot h_{\Delta}) \cdot 4$   
 $= (\frac{1}{2} \cdot 8 \cdot 10) \cdot 4 = 160 \text{ in}^2$   
 Total SA =  $224 \text{ in}^2$





Show work! Always  
Pretend explaining to  
nephew or niece