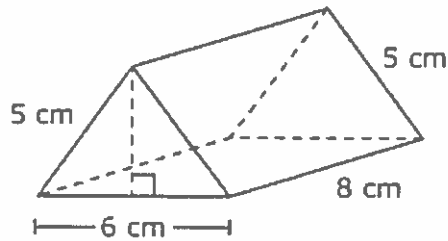


*Must show All steps to earn credit 😊

SURFACE AREA

	Lateral	Total
Prism	$S = Ph$	$S = Ph + 2B$
Cylinder	$S = 2\pi rh$	$S = 2\pi rh + 2\pi r^2$

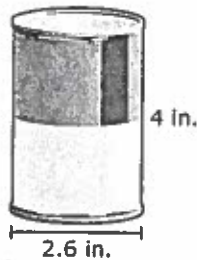
1.) A triangular prism and its dimensions are shown in the diagram.



What is the lateral surface area of this triangular prism in square centimeters?

- F 192 cm²
- G 128 cm²
- H 152 cm²
- J 144 cm²

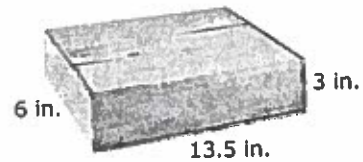
2.) A label covers the lateral surface area of a can.



To the nearest tenth square inch, what is the lateral surface area of the can?
Use $\pi \approx 3.14$.

- F 16.3 in.²
- G 21.2 in.²
- H 32.7 in.²
- J 38.0 in.²

3.) A wooden box in the shape of a rectangular prism is stained.



What is the surface area of the box?

- F 279 in.²
- G 243 in.²
- H 198 in.²
- J 117 in.²