GRADE 6 MATH · CLASSWORK · SPECIAL ED

Find the Surface Area of a Triangular Prism

SCORE / 25

01 Part A · Practice

A triangular prism has 2 triangle bases and 3 rectangles; add all 5 areas (the net helps).

EXAMPLE

Ends: base 6, height 4, sides 5; length 10.

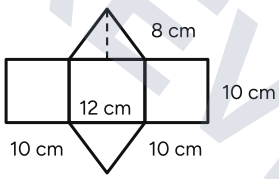
1. Triangles: $2 \times \frac{1}{2} \times 6 \times 4 = 24$.
2. Rectangles: $(5 + 6 + 5) \times 10 = 160$.
3. $SA = 24 + 160 = 184$ square units.

WORDS TO KNOW

triangular prism	a prism with two triangle bases
lateral face	a side face that is not a base
net	a flat pattern of the faces

1 ●○○ Use the net to find the surface area.

HINT Find the area of each piece of the net, then add.



2 ●○○ A prism is 7 m long. Its ends are right triangles with sides 6, 8, 10 m. Find its surface area.

HINT The two legs of the right triangle are its base and height.

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Preview - the full worksheet and its answer key are at primeworksheet.com