**Shape and Space
Unit 1 Line Master 6b**

Answers

Area of triangles:

$$2 \times \frac{1}{2}(6 \times 4) = 24$$

The area of the triangles
is 24 cm^2.

Area of rectangles:

$$2(5 \times 5) + 6 \times 5 = 2 \times 25 + 30$$
$$= 50 + 30$$
$$= 80$$

The area of the rectangles
is 80 cm^2.

The surface area of the triangular prism is 24 cm^2 + 80 cm^2,
or 104 cm^2.