

Area of a triangle: $A = (b \times h) \div 2$

A =

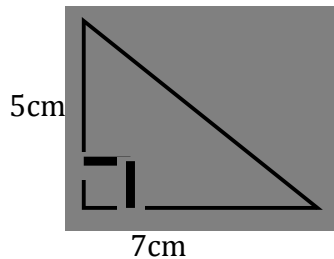
b = 7 cm

h = 5 cm

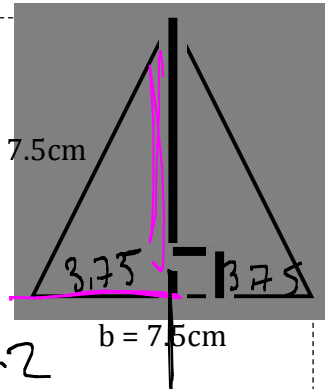
$$A = \frac{b \times h}{2} = \frac{7 \times 5}{2}$$

$$= \frac{35}{2}$$

$$= 17.5 \text{ cm}^2$$



h = 7.5 cm



$$a^2 + b^2 = c^2$$

$$a^2 + 3.75^2 = 7.5^2$$

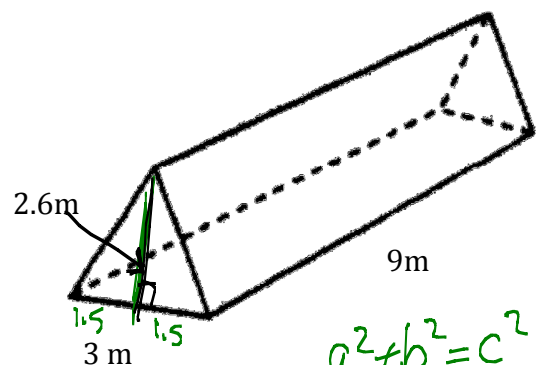
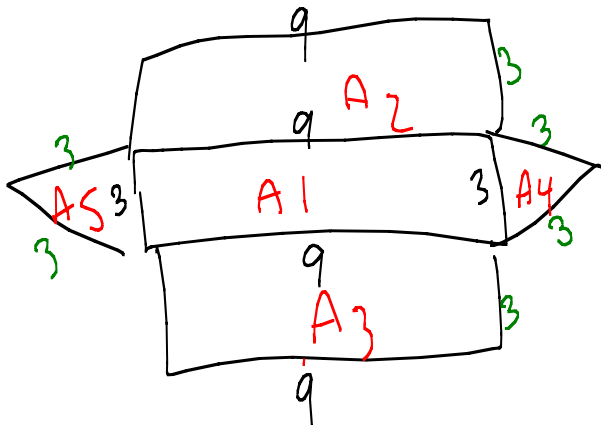
$$a^2 = 56.25 - 14.06$$

$$\sqrt{a^2} = \sqrt{42.19}$$

$$a = 6.5 \text{ cm}$$

Draw the net of this right triangular prism.

What is the surface area?



$$a^2 + b^2 = c^2$$

$$1.5^2 + 2.6^2 = c^2$$

$$2.25 + 6.76 = c^2$$

$$\sqrt{9.01} = \sqrt{c^2}$$

$$3 = c$$

$$A_1 = A_2 = A_3 = l \times w$$

$$= 9 \times 3$$

$$= 27 \text{ cm}^2$$

$$A_4 = \frac{b \times h}{2}$$

$$= \frac{3 \times 2.6}{2}$$

$$= 3.9 \text{ cm}^2$$

$$A_5 = 3.9 \text{ cm}^2$$

$$A_T = 27 + 27 + 27 + 3.9 + 3.9$$

$$= 88.8 \text{ m}^2$$