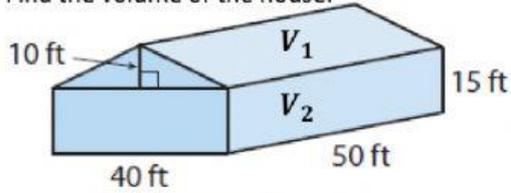Mason made a cardboard house at school. The lower part of the house is a rectangular prism and the upper part a triangular prism. Find the volume of the house.
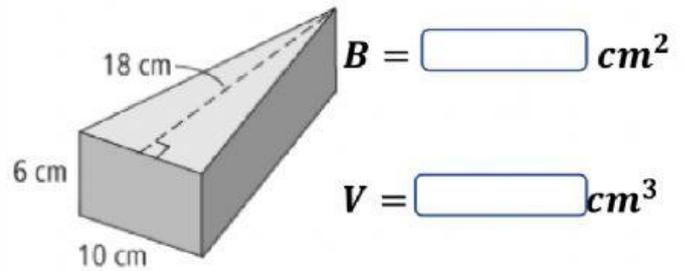
10 ft
V_1
15 ft
V_2
40 ft
50 ft

$V_1 = \boxed{}\, ft^3$

$V_2 = \boxed{}\, ft^3$

$V_1 + V_2 = \boxed{}\, ft^3$

Anita cuts a piece of birthday cake as shown below. What is the volume of the piece of cake?

18 cm

6 cm

10 cm

$B = \boxed{}\, cm^2$

$V = \boxed{}\, cm^3$

Work out the volume of the trapezoidal prism shown.

12 cm

5 cm

7 cm

10 cm

$B = \boxed{}\, cm^2$
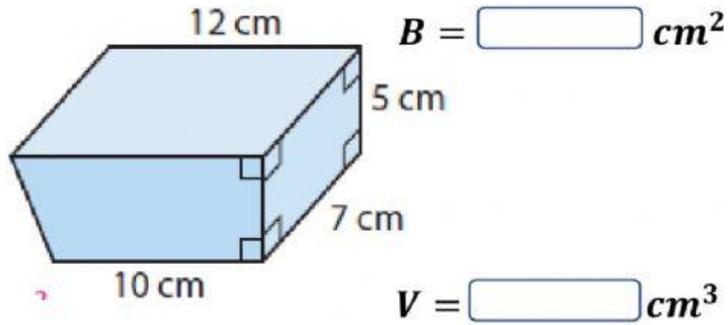
$V = \boxed{}\, cm^3$

8. The volume V of a prism is the area of its $\boxed{}$ B times its height h.