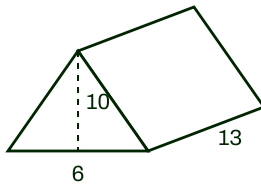


Find the volume of a prism using base area times height

NAME	DATE	SCORE / 10
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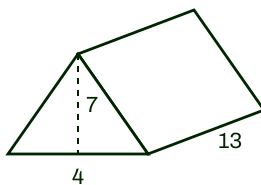
- 1** The bottom layer of a box holds 16 unit cubes. The box holds 4 layers of the same size. What is the volume, in cubic units, of the box?

- 2** Lengths on the triangular prism below are in centimetres, and 10 is the height of the front triangle. What is the volume, in cubic centimetres, of the prism?



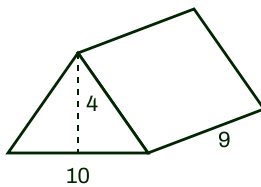
- 3** The triangle at each end of a triangular prism has an area of 6 square centimetres. The prism is 14 centimetres long. What is the volume, in cubic centimetres, of the prism?

- 4** Lengths on the triangular prism below are in centimetres, and 7 is the height of the front triangle. What is the volume, in cubic centimetres, of the prism?



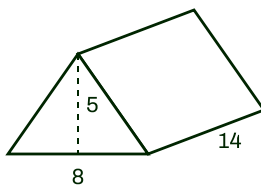
- 5** The base of a prism has an area of 26 square centimetres. The prism is 10 centimetres high. What is the volume, in cubic centimetres, of the prism?

- 6** Lengths on the triangular prism below are in centimetres, and 4 is the height of the front triangle. What is the volume, in cubic centimetres, of the prism?



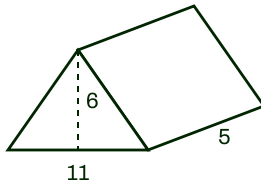
- 7** The base of a fish tank is a rectangle 30 cm by 20 cm. The water in the tank is 25 cm deep. What is the volume, in cubic centimetres, of the water?

- 8** Lengths on the triangular prism below are in centimetres, and 5 is the height of the front triangle. What is the volume, in cubic centimetres, of the prism?



- 9** The base of a prism has an area of 34 square centimetres. The prism is 8 centimetres high. What is the volume, in cubic centimetres, of the prism?

- 10** Lengths on the triangular prism below are in centimetres, and 6 is the height of the front triangle. What is the volume, in cubic centimetres, of the prism?



Find the volume of a prism using base area times height

1 64

3 84

5 260

7 15000

9 272

2 390

4 182

6 180

8 280

10 165