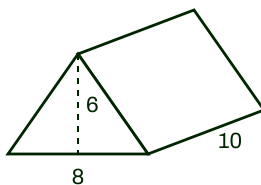


Find the volume of a prism using base area times height

NAME	DATE	SCORE / 10
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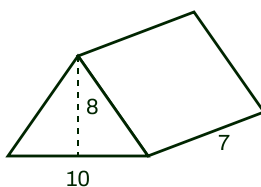
- 1** The triangle at each end of a triangular prism has an area of 23 square centimetres. The prism is 7 centimetres long. What is the volume, in cubic centimetres, of the prism?

- 2** 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?



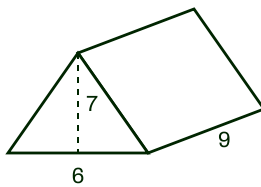
- 3** The base of a fish tank is a rectangle 40 cm by 25 cm. The water in the tank is 15 cm deep. What is the volume, in cubic centimetres, of the water?

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



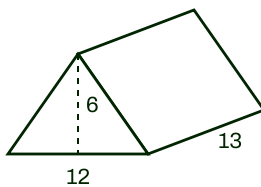
- 5** The bottom layer of a box holds 26 unit cubes. The box holds 2 layers of the same size. What is the volume, in cubic units, of the box?

- 6** 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?



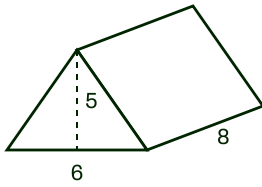
- 7** The base of a prism has an area of 32 square centimetres. The prism is 7 centimetres high. What is the volume, in cubic centimetres, of the prism?

- 8** 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?



- 9** The triangle at each end of a triangular prism has an area of 4 square centimetres. The prism is 15 centimetres long. What is the volume, in cubic centimetres, of the prism?

- 10** 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?



Find the volume of a prism using base area times height

1 161

3 15000

5 52

7 224

9 60

2 240

4 280

6 189

8 468

10 120