

# Volume of Prisms

Use  $V = \text{length} \times \text{width} \times \text{height}$ .

1 Prism  $6 \times 4 \times 3$ :  $V =$

2 Prism  $10 \times 2 \times 5$ :  $V =$

3 Prism  $8 \times 7 \times 4$ :  $V =$

4  $V = 120$ ,  $l = 6$ ,  $w = 5$ . Find  $h$ .

5  $V = 96$ ,  $l = 8$ ,  $h = 3$ . Find  $w$ .

6 A box is 12 in by 5 in by 4 in. Find volume.

7 Draw a prism with volume 48 cubic units.

8 Explain why volume uses cubic units.

