Volume of a Triangular Prism: Worksheet 9.1

Name .... Date .... Score ....

Find the volumes of the following triangular prisms.

1.

8 cm
20 cm
12 cm

2.

4 in
8 in
9 in

3.

11 ft
4 ft
6 ft

4.

6 in
2 in
9 in

5.

3 m
7 m
5 m

6.

9 cm
12 cm
18 cm

7.

8 ft
10 ft
14 ft

8.

3 m
5 m
7 m

9.

11 ft
15 ft
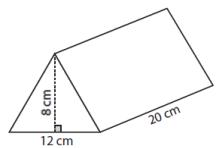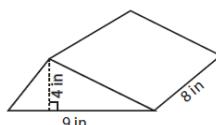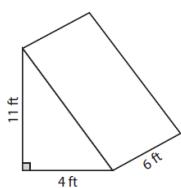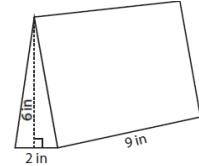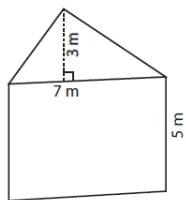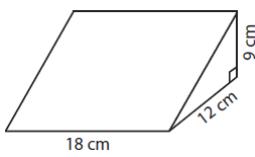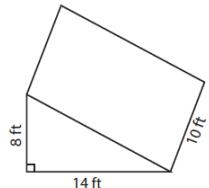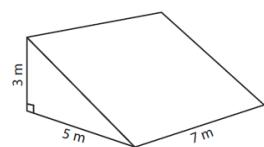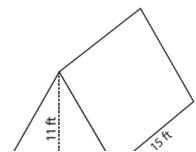
10.
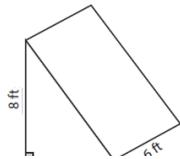
Solutions

1. Volume of the triangular prism = 960 cu cm

2. Volume of the triangular prism = 144 cu in

3. Volume of the triangular prism = 132 cu ft

4. Volume of the triangular prism = 64 cu in

5. Volume of the triangular prism = 52.5 cu in

6. Volume of the triangular prism = 972 cu cm

7. Volume of the triangular prism = 560 cu ft

8. Volume of the triangular prism = 52.5 cu m

9. Volume of the triangular prism = 1072.5 cu ft

10. Volume of the triangular prism = 336 cu ft