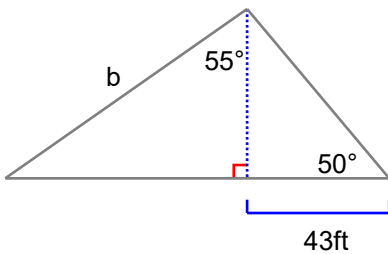# Multi-steps trigonometric problem solving worksheets
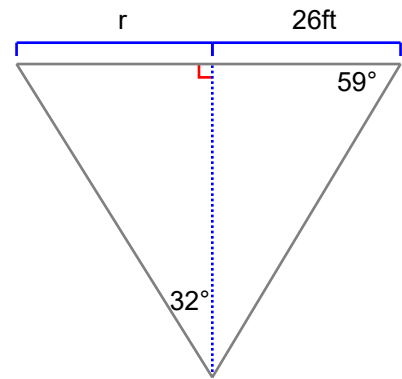
Find the side indicated by the variable. Round to the nearest tenth.

1) b = _____ ft

55°
b
50°
43ft

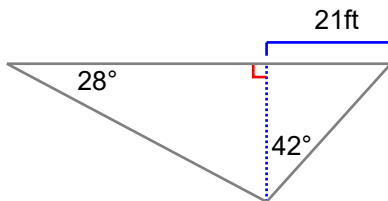2) r = _____ ft

r   26ft
59°
32°

Find the area of each triangle. Round the intermediate and final values to the nearest tenth.

3) Area = _____ ft^2

21ft
28°
42°

4) Area = _____ ft^2

19ft
41°   60°
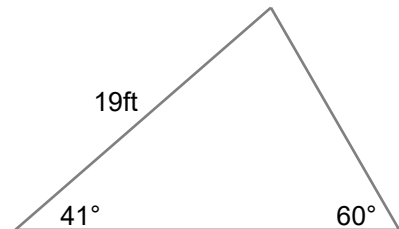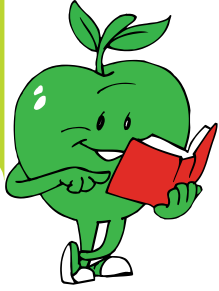
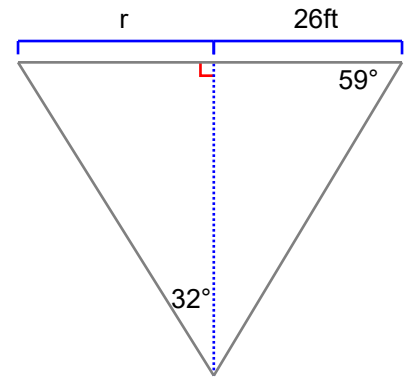# Answers

Find the variable side. Round the intermediate and final values to the nearest tenth.

1) b = __89.3__ ft
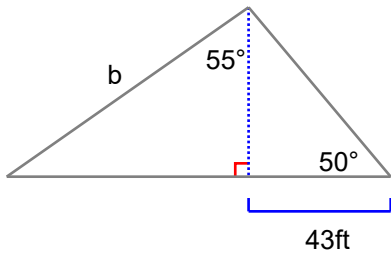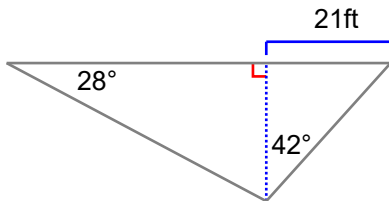
2) r = __27.0__ ft

Find the area of each triangle. Round the intermediate and final values to the nearest tenth.

3) Area = __756.4__ ft^2

4) Area = __134.2__ ft^2