Trigonometry – Round to 2 decimal places

1. Finding missing sides
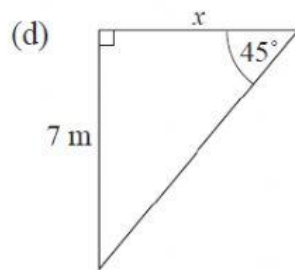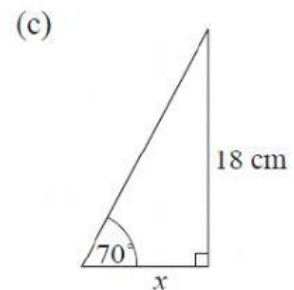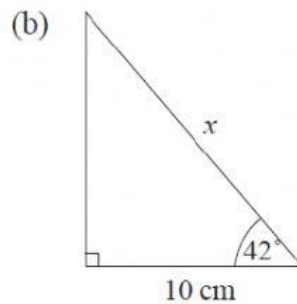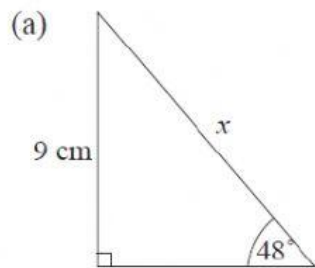
Find the length of the side marked x in each triangle.

(a)

9 cm

x

48°

(b)

x

42°

10 cm

(c)

18 cm

70°

x

(d)

x

45°

7 m

(e)

22 m

x

55°

(f)

12 m

18°

x
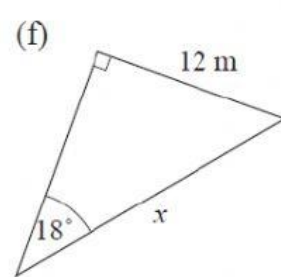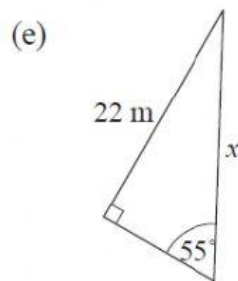
2. Finding missing angles

Find the angle θ of:

(a)

8 m

10 m

θ

(b)

6 cm

θ

2 cm

(c)

20 cm

θ

5 cm

(d)

14 cm

θ

15 cm

(e)

6.7 m

θ

8 m

(f)

θ

22 m

7 m