Sine Rule

1. Find the length of the side marked x

a.

40⁰

x

70⁰

16cm

b.

95⁰

60⁰

13cm

x

c.

x

35⁰

21m

75⁰

d.

30⁰

3.2mm

85⁰

x

e.

19.5m

60⁰

70⁰ x
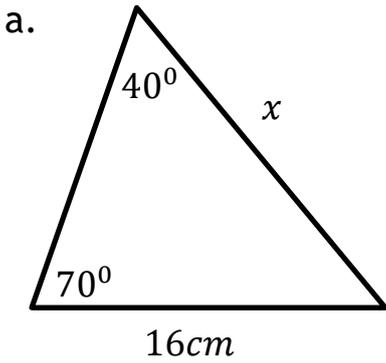
f.

x

70⁰

80⁰

32cm
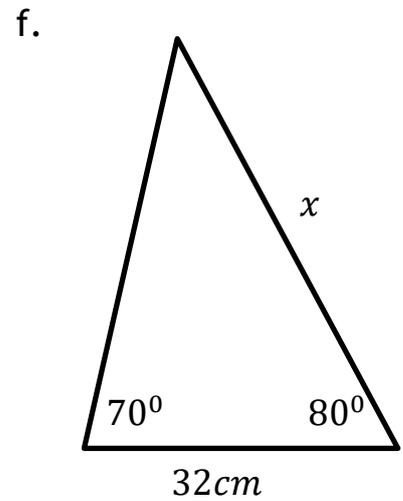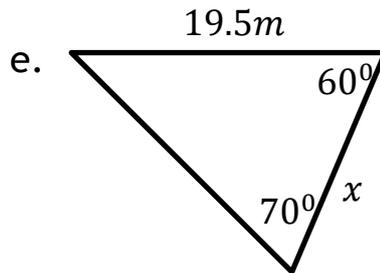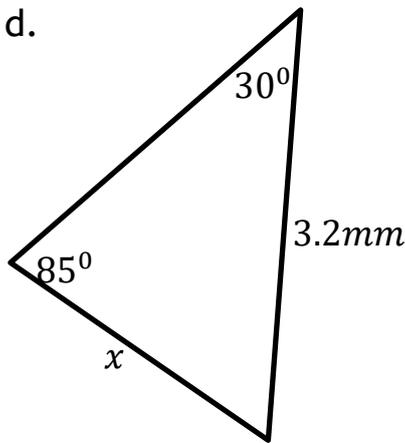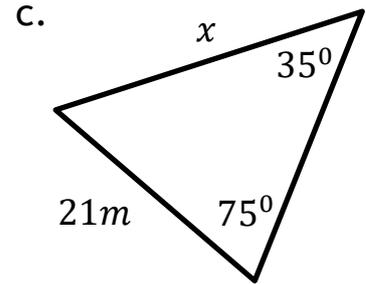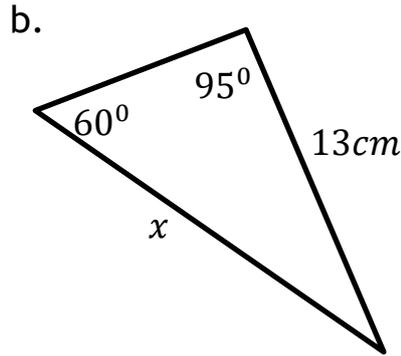
2. Find the value of x in each triangle below.

a.

x^0

60⁰

19.5m

7cm

b.

30⁰

x^0

7cm

5cm

c.

8cm

x^0

12cm

40⁰
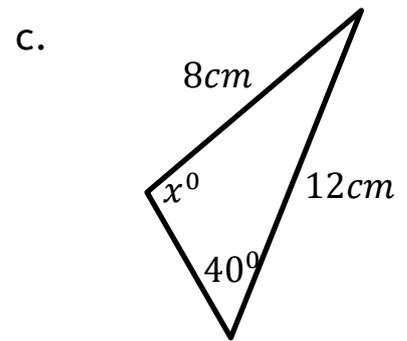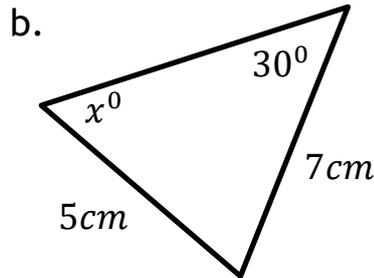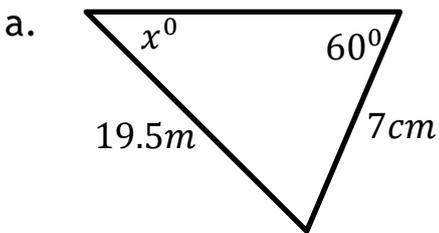
3. Find the height (h) in each of the triangle below:

a.

h

55⁰

30⁰

60m

b.

h

25⁰

80⁰

58m