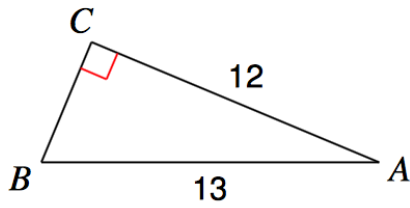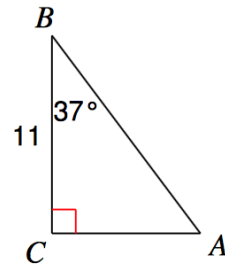Unit 5b Review

1. Find the missing measures (sides & angles) of each triangle. Show all work.

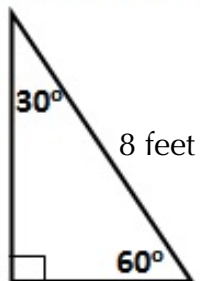a.

b.

2. Use the relationships in special right triangles to find all sides. Give both exact and decimal approximations.
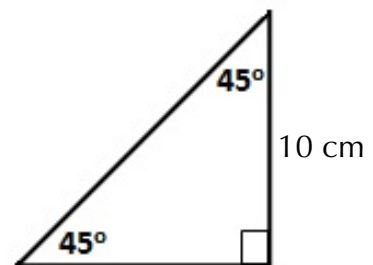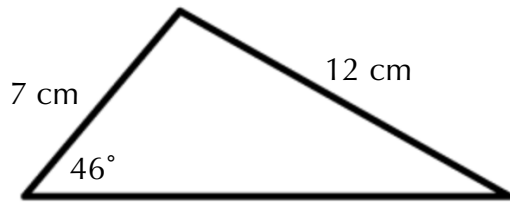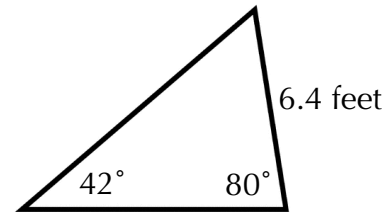
a.

30-60-90 Triangle

b.

45-45-90 Triangle

3. Find the missing measures (sides & angles) of each triangle. Show all work.

a.

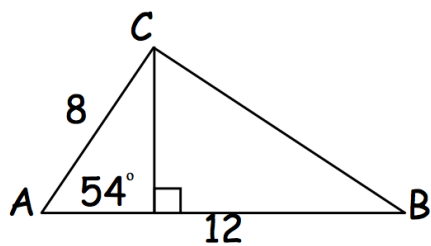7 cm · 12 cm · 46°

b.

6.4 feet · 42° · 80°

4. Find the area of each triangle. Show all work.

a.

C
8
A 54° 12 B

b.

C
11 7
A 25° B
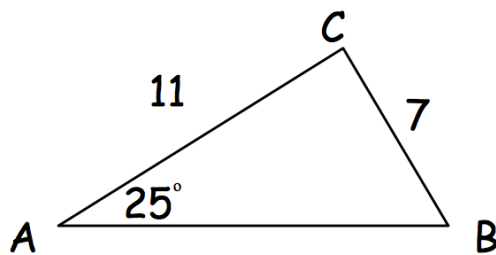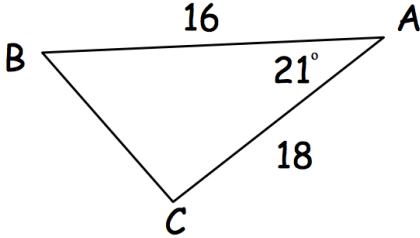
5.   Use Law of Sines or Law of Cosines to find all missing measures. Show all work.

a.

16

B

21°

A

18

C

b.

C

67°   18

44°

A   B