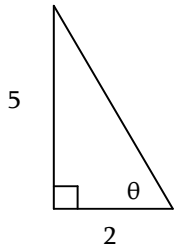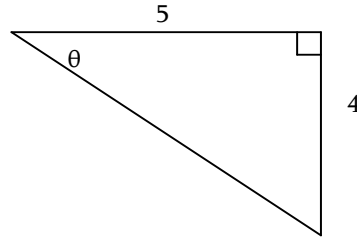Name: _____   Date: _____

8.0 - Right Triangle Trigonometry Worksheet

1) Find the hypotenuse for each triangle, then find the three trig ratios as a fraction and decimal (to the nearest thousandth) for each triangle. Then find the unknown angle for each (to the nearest degree).
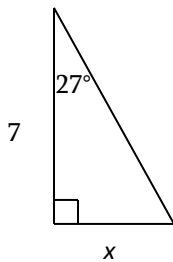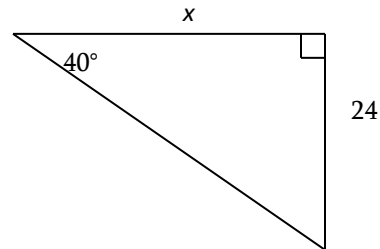
a)

b)
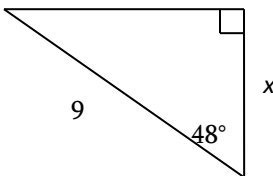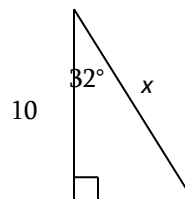

2) Find x to the nearest tenth.

a)

b)

c)

d)

3) Solve the following triangles to the nearest tenth.

a)   b)

15
55°

8

5
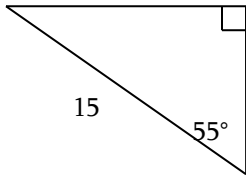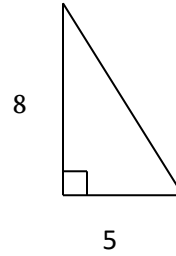
4) Sketch and solve ΔPQR: <P =46°, <Q =90°, & q =23m

In the text, do p.291 #1acegi, 2aceg