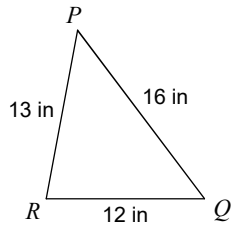


Assignment

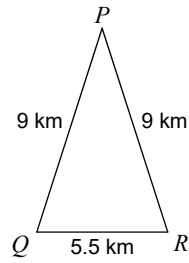
Find the area of each triangle. Round your answers to the nearest tenth.

1)



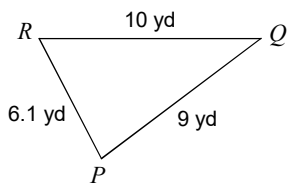
76.7 in<sup>2</sup>

2)



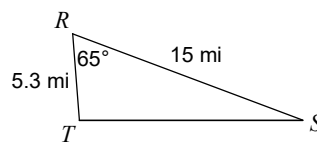
23.6 km<sup>2</sup>

3)



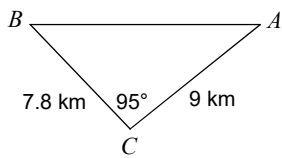
27.1 yd<sup>2</sup>

4)



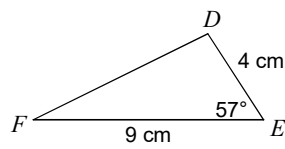
36 mi<sup>2</sup>

5)



35 km<sup>2</sup>

6)



15.1 cm<sup>2</sup>

7) In  $\triangle STR$ ,  $t = 8$  in,  $s = 16$  in,  $r = 11$  in

40.3 in<sup>2</sup>

8) In  $\triangle BCA$ ,  $c = 10$  ft,  $a = 6$  ft,  $m\angle B = 46^\circ$

21.6 ft<sup>2</sup>