

## Unit 6 Test - REVIEW

*Complete. Round to the nearest tenth if necessary.*

1 13.8 mi = \_\_\_\_ km

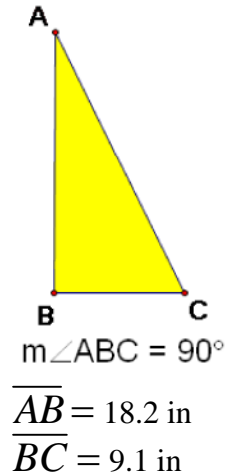
2 280 c = \_\_\_\_ pt

3 6 T = \_\_\_\_ lb

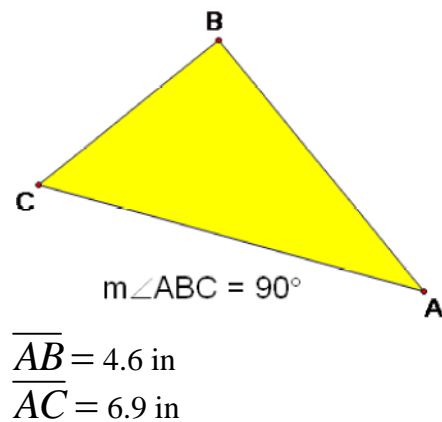
4 9.1 gal = \_\_\_\_ L

*Use the pythagorean theorem to find the missing side length.*

5



6



*Find the missing angle.*

- 7 Find the missing angle in the quadrilateral if the first angle equals  $76^\circ$ , second equals  $88^\circ$ , and the third angle equals  $96^\circ$ .

- 8  $\angle 1$  and  $\angle 2$  are complementary.

$$m\angle 1 = 65^\circ$$

$$m\angle 2 = \underline{\quad}^\circ$$

- 9  $\angle 1$  and  $\angle 2$  are vertical angles.

$$m\angle 1 = 34^\circ$$

$$m\angle 2 = \underline{\quad}^\circ$$

- 10  $\angle 1$  and  $\angle 2$  are supplementary.

$$m\angle 1 = 72^\circ$$

$$m\angle 2 = \underline{\quad}^\circ$$

- 11 Find the missing angle in the triangle if one angle equals  $54^\circ$  and another angle equals  $105^\circ$ .

- 12  $\angle 1$  and  $\angle 2$  are supplementary.

$$m\angle 1 = 73^\circ$$

$$m\angle 2 = \underline{\quad}^\circ$$

**Unit 6 Test - REVIEW**  
**Answer Section**

- 1 22.2
- 2 140
- 3 12000
- 4 34.4
- 5 20.3
- 6 5.1
- 7 100
- 8 25
- 9 34
- 10 108
- 11 21
- 12 107