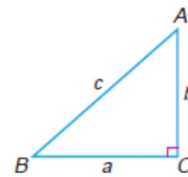Trig Review Ch. 5.1-5.4

Quiz 5.3-5.4

Test Wed.

Lesson 5-4 *(Pages 299–304)*

Solve each problem. Round to the nearest tenth.

1. If $A = 38°$ and $b = 15$, find a.
2. If $c = 19$ and $B = 87°$, find a.
3. If $a = 16.5$ and $B = 65.4°$, find c.
4. If $B = 42° \; 30'$ and $b = 12$, find a.
5. If $B = 75°$ and $c = 5.8$, find b.

Find the values of the six trigonometric functions for angle θ in standard position if a point with the given coordinates lies on its terminal side.

3. $(-1, -2)$ **4.** $(-2, 2)$ **5.** $(5, 2)$ **6.** $(-4, 3)$

Lesson 5-1 *(Pages 277–283)*

Change each measure to degrees, minutes, and seconds.

1. 13.75°
2. 75.72°
3. −29.44°

Write each measure as a decimal to the nearest thousandth.

5. $144°\ 12'\ 30''$ **6.** $-38°\ 15'\ 10''$ **7.** $-107°\ 12'\ 45''$

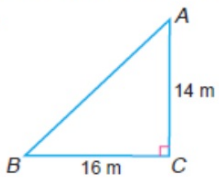**Find the measure of the reference angle for each angle.**

13. 126°   **14.** −480°   **15.** 642°

Find the values of the six trigonometric functions for each ∠A.

3.

4.