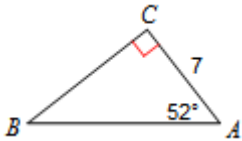


REVIEW

Solve the triangle completely. Round to the nearest hundredth.

1.



2.



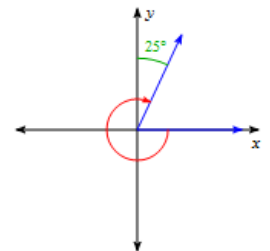
Answer the following questions on angles.

3. Draw a 240° angle.

4. Draw a -145° angle.

5. What quadrant would the terminal side of a 700° angle lie in?

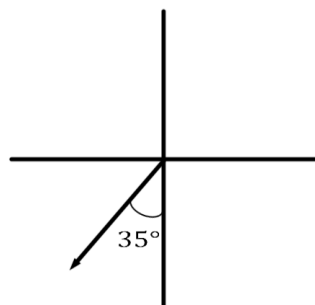
6. What is the measure of the angle shown?



Answer the following questions on coterminal angles.

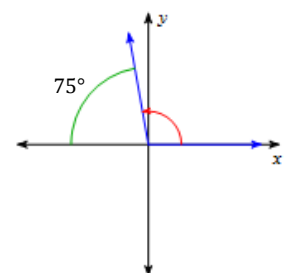
7. Name 2 angles that are coterminal to 130°

8. Name 2 angles that are coterminal to the angle shown below.



9. Name ALL angles that are coterminal to 230° .

10. Name ALL angles that are coterminal to the angle shown below



Draw the reference triangle. Find the EXACT value of the trig ratio for θ .

11. $\cos \theta$ for $(-2, \sqrt{5})$

12. Given $\cos \theta = -\frac{8}{17}$ where $180^\circ < \theta < 270^\circ$.
Find $\tan \theta$.

Use a calculator to find the APPROXIMATE value for each of the following. Round to nearest hundredth.

13. $\cos(142^\circ)$

14. $\tan 240^\circ$

15. $\sin\left(\frac{\pi}{7}\right)$

16. $\sin(-33^\circ)$

Use the unit circle and special right triangles to find the EXACT value. NO DECIMALS!

17. $\sin(60^\circ)$

18. $\cos(45^\circ)$

19. $\tan(30^\circ)$

20. $\cos\left(\frac{\pi}{6}\right)$

Fill in all of the missing blanks (degrees/radians/coordinates) on the Unit Circle.

