

1. 38.6°

2. $40^\circ 23' 24''$

3. $\frac{\pi}{3} \approx 1.0472$

4. $\frac{7\pi}{5} \approx 4.3982$

5. 90°

6. 57.3°

7. 1037 mph

8. 420 rpm

9. $\frac{\sqrt{17}}{9}$

10. 60°

11. 2

12. $\frac{2\sqrt{3}}{3}$

13. 100 feet

14. Positive

15. 9.44

16. $\sin A = \frac{4}{5}; \cos A = \frac{3}{5}$

17. $A = 53^\circ, a = 11.2, b = 8.4$

18. $-\frac{\sqrt{3}}{2}$

19. $-\frac{\sqrt{3}}{3}$

20. $-\frac{\sqrt{65}}{9}$

21. $\frac{3}{5}$

22. 3.5

23. $\frac{\pi}{4}$

24. $\frac{\pi}{2}$

25. -1.144, 1.144

26. π

27. $\frac{\pi}{4}$

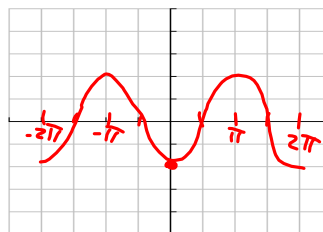
28. $\frac{\pi}{4}$

29. 40.54°

30. 836 ft

31. 24 ft

32.



33.

