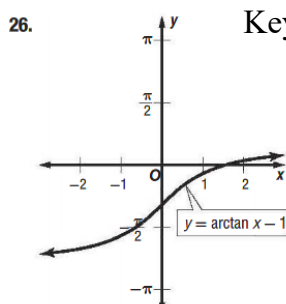
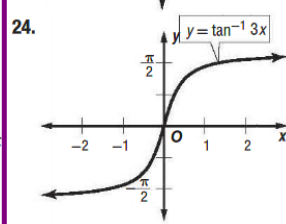
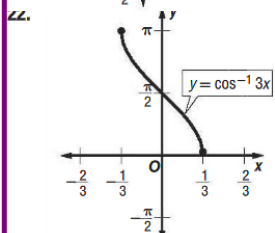
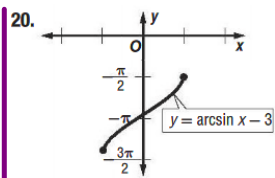
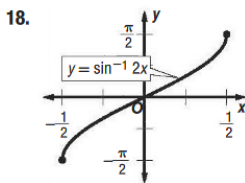


- 2. $\frac{\pi}{3}$
- 4. $\frac{\pi}{6}$
- 6. $\frac{\pi}{2}$
- 8. $\frac{\pi}{3}$
- 10. $\frac{\pi}{3}$
- 12. $-\frac{\pi}{3}$
- 14. 0

16. $\frac{\pi}{3}$ or

60° south of west



28. a. $\theta = \tan^{-1} \frac{17}{d} - \tan^{-1} \frac{5}{d}$
 b. about 9.2 ft

- 30. $\frac{\pi}{2}$
- 32. $\frac{\pi}{3}$
- 34. $\frac{\pi}{3}$
- 36. 0

Key HW6 p288-290#2-48even,84-87all

38. $-\frac{\sqrt{2}}{2}$

40. $-\frac{1}{2}$

42. $\frac{\sqrt{1-x^2}}{1-x^2}$

44. $\sqrt{1-x^2}$

46. $\frac{\sqrt{1-x^2}}{1-x^2}$

48. $\frac{\sqrt{1-x^2}}{x}$

- 84. B
- 85. H
- 86. A
- 87. F