

2. $\sin \theta = \frac{\sqrt{2}}{2}$, $\cos \theta = -\frac{\sqrt{2}}{2}$,
 $\tan \theta = -1$, $\csc \theta = \sqrt{2}$,
 $\sec \theta = -\sqrt{2}$, $\cot \theta = -1$

4. $\sin \theta = 0$, $\cos \theta = 1$, $\tan \theta = 0$,
 $\csc \theta$ is undefined, $\sec \theta = 1$, $\cot \theta$
 is undefined.

6. $\sin \theta = -\frac{3\sqrt{34}}{34}$, $\cos \theta = \frac{5\sqrt{34}}{34}$,
 $\tan \theta = -\frac{3}{5}$, $\csc \theta = -\frac{\sqrt{34}}{3}$,
 $\sec \theta = \frac{\sqrt{34}}{5}$, $\cot \theta = -\frac{5}{3}$

8. $\sin \theta = -\frac{2\sqrt{5}}{5}$, $\cos \theta = -\frac{\sqrt{5}}{5}$,
 $\tan \theta = 2$, $\csc \theta = -\frac{\sqrt{5}}{2}$,
 $\sec \theta = -\sqrt{5}$, $\cot \theta = \frac{1}{2}$

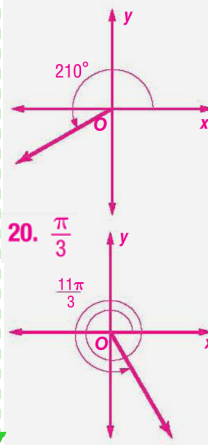
10. **0**

12. **-1**

14. **-1**

16. **undefined**

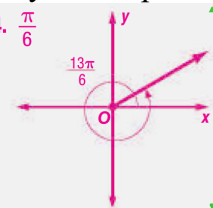
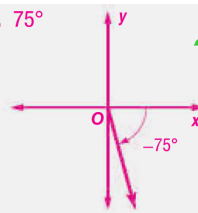
18. 30°



20. $\frac{\pi}{3}$

22. 75°

24. $\frac{\pi}{6}$



26. $\frac{\sqrt{3}}{3}$

28. **-1**

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

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

34. $\sin \theta = \frac{1}{2}$, $\cos \theta = -\frac{\sqrt{3}}{2}$, $\tan \theta = -\frac{\sqrt{3}}{3}$, $\sec \theta = -\frac{2\sqrt{3}}{3}$,
 $\cot \theta = -\sqrt{3}$

36. $\sin \theta = -\frac{5}{13}$, $\tan \theta = \frac{5}{12}$, $\csc \theta = -\frac{13}{5}$, $\sec \theta = -\frac{13}{12}$,
 $\cot \theta = \frac{12}{5}$

38. $\sin \theta = -\frac{\sqrt{2}}{2}$, $\cos \theta = -\frac{\sqrt{2}}{2}$, $\tan \theta = 1$, $\csc \theta = -\sqrt{2}$,
 $\sec \theta = -\sqrt{2}$

40. $\sin \theta = \frac{\sqrt{3}}{2}$, $\tan \theta = -\sqrt{3}$, $\csc \theta = \frac{2\sqrt{3}}{3}$, $\sec \theta = -2$,
 $\cot \theta = -\frac{\sqrt{3}}{3}$

42. $(-6\sqrt{3}, 6)$ or $(-10.4, 6)$

44. $\frac{\sqrt{2}}{2}$

46. **-1**

48. $-\sqrt{3}$

50. **undefined**

52. **2**

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

56. $\frac{\sqrt{2}}{2}$

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