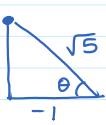


p. 347) 1-23 odd, 25-41 odd

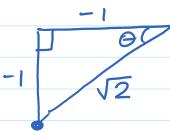
(1) 450°

(3)



$$\begin{aligned}\sin \theta &= 2/\sqrt{5} & \csc \theta &= \sqrt{5}/2 \\ \cos \theta &= -1/\sqrt{5} & \sec \theta &= -\sqrt{5} \\ \tan \theta &= -2 & \cot \theta &= -1/2\end{aligned}$$

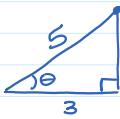
(5)



$$\begin{aligned}\sin \theta &= -1/\sqrt{2} & \csc \theta &= -\sqrt{2} \\ \cos \theta &= -1/\sqrt{2} & \sec \theta &= -\sqrt{2} \\ \tan \theta &= 1 & \cot \theta &= 1\end{aligned}$$

$$\begin{aligned}\csc \theta &= -\sqrt{2} & \sec \theta &= -\sqrt{2} \\ \cot \theta &= 1 & \tan \theta &= 1\end{aligned}$$

(7)



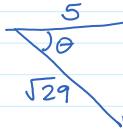
$$\begin{aligned}\sin \theta &= 4/5 & \csc \theta &= 5/4 \\ \cos \theta &= 3/5 & \sec \theta &= 5/3 \\ \tan \theta &= 4/3 & \cot \theta &= 3/4\end{aligned}$$

(9)



$$\begin{aligned}\sin \theta &= 1 & \csc \theta &= 1 \\ \cos \theta &= 0 & \sec \theta &= \text{und} \\ \tan \theta &= \text{und} & \cot \theta &= 0\end{aligned}$$

(11)



$$\begin{aligned}\sin \theta &= -2/\sqrt{29} & \csc \theta &= -\sqrt{29}/2 \\ \cos \theta &= 5/\sqrt{29} & \sec \theta &= \sqrt{29}/5 \\ \tan \theta &= -2/5 & \cot \theta &= -5/2\end{aligned}$$

$$\begin{array}{l} \text{(13) a) +} \\ \text{b) +} \\ \text{c) +} \end{array}$$

$$\begin{array}{l} \text{(15) a) -} \\ \text{b) -} \\ \text{c) +} \end{array}$$

$$\begin{array}{l} \text{(17) -} \\ \text{(19) -} \end{array}$$

$$\begin{array}{l} \text{(21) a} \\ \text{(23) a} \end{array}$$

(25) $-1/2$ (27) 2 (29) $1/2$ (31) 1 (33) $\sqrt{3}/2$ (35) $-\sqrt{3}/2$ (37) $a) -1$ $b) 0$ $c) \text{und}$ (39) $a) 0$ $b) -1$ $c) 0$

- (41) a) 1
b) 0
c) und