

More Trig Review (for MATHO):

5) $\arcsin \frac{1}{2} = \frac{\pi}{6} \checkmark$

9) $\arctan \frac{\sqrt{3}}{3} = \frac{\pi}{6} \checkmark$

11) ~~3)~~ $\operatorname{arccsc}(-\sqrt{2}) = \frac{-\pi}{4} \cdot$
 $\operatorname{csc}^{-1}(-\sqrt{2}) = \frac{1}{\sin^{-1}(-\sqrt{2})}$

13) 4) $\arccos(-0.8) \approx 2.50 \cdot$

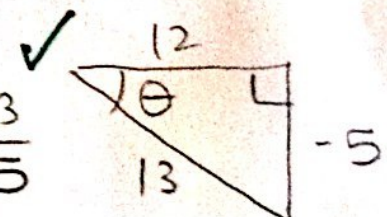
5) $\operatorname{arcsec} 1.269 \approx 0.66 \cdot$
 $= \arccos\left(\frac{1}{1.269}\right)$

6) $\sin\left(\arctan \frac{3}{4}\right) = \frac{3}{5} \checkmark$

17) $\sec\left(\arcsin \frac{4}{5}\right) = \frac{5}{3} \cdot$

12) 8) $\cot\left(\arcsin\left(-\frac{1}{2}\right)\right) = -\sqrt{3} \checkmark$
 $\cot\left(-\frac{\pi}{6}\right)$

19) 9) $\operatorname{csc}\left(\arctan\left(-\frac{5}{12}\right)\right) = \frac{13}{-5}$



- $\frac{\pi}{6}$
- $\frac{\pi}{6}$
- $-\frac{\pi}{4}$
- $\frac{2\pi}{3}$
- 2.25
- $\frac{4}{\pi}$
- $\frac{\pi}{3}$
- $\frac{3}{5}$
- $\frac{\sqrt{12}}{11}$
- $-\frac{13}{5}$
- $\frac{1}{2}$
- $-\sqrt{3}$
- $\sqrt{1-9x^2}$
- $\frac{5}{3}$