

# 4.7 Trig Inverse Worksheet Key

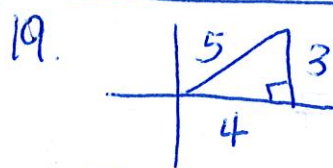
1.  $\frac{\pi}{6}$     2. dne    3.  $\frac{2\pi}{3}$     4.  $\frac{\pi}{3}$     5. dne

6.  $-\frac{\pi}{6}$     7.  $\frac{\pi}{4}$     8.  $0\pi$     9.  $\pi$     10.  $-\frac{\pi}{4}$

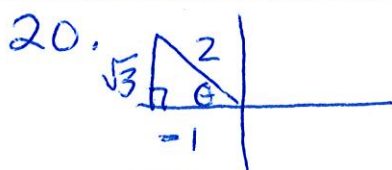
11.  $-\frac{\pi}{3}$     12.  $\frac{\pi}{2}$

13.  $-\frac{1}{2}$     14. 0    15. -1    16.  $\frac{2\pi}{3}$     17.  $-\frac{\pi}{6}$

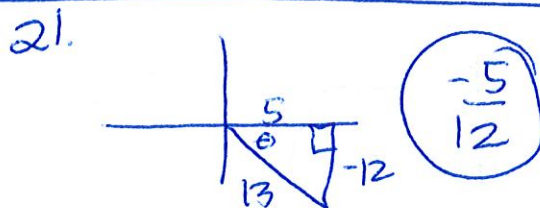
18.  $\frac{\pi}{4}$



$\left(\frac{5}{4}\right)$



$\left(\frac{2}{\sqrt{3}}\right)$  or  $\frac{2\sqrt{3}}{3}$



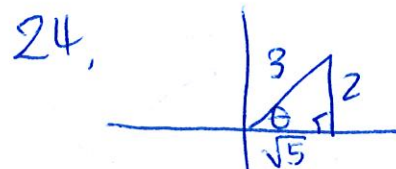
$\left(\frac{-5}{12}\right)$



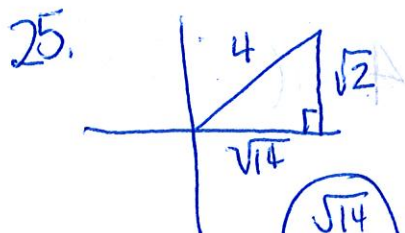
$\left(\frac{5}{\sqrt{34}}\right)$  or  $\frac{5\sqrt{34}}{34}$



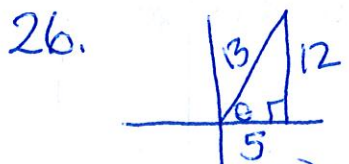
$\left(\text{dne}\right)$   
hyp must be biggest



$\left(\frac{2}{\sqrt{5}}\right)$  or  $\frac{2\sqrt{5}}{5}$



$\left(\frac{\sqrt{14}}{4}\right)$



$\left(\frac{13}{12}\right)$



$\left(\frac{\sqrt{1-4x^2}}{2x}\right)$