Per: _____ ☐

T-2 Finding Missing Angles

Use the trig table on the other side to find each angle to the nearest degree.

1. sin 0.5878 = ___36°___

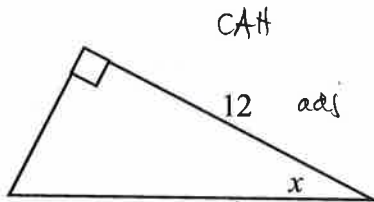2. tan 2.356 = ___67°___

(2)   (2)

Use trigonometry to find the missing angle. Round to the nearest degree.

3. CAH

12 adj

x

13 hyp
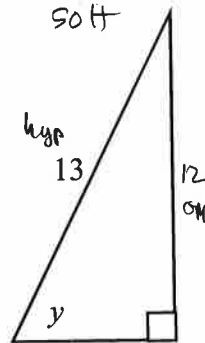
$\cos x = \frac{12}{13}$

$\cos x = .9231$ $x \approx 22.6$

$x \approx 23°$

4. SOH

hyp
13

12 opp

y

$\sin y = \frac{12}{13}$

$\cos y = .9231$

$y = 22.6$

$y \approx 23°$

(3)   (3)