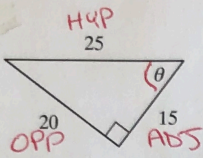


## Trig - 6 Ratios - NOTES

Write all 6 trig ratios.

1)



$$\sin \theta = \frac{20}{25}$$

$$\cos \theta = \frac{15}{25}$$

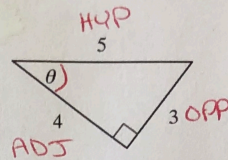
$$\tan \theta = \frac{20}{15}$$

$$\csc \theta = \frac{25}{20}$$

$$\sec \theta = \frac{25}{15}$$

$$\cot \theta = \frac{15}{20}$$

2)



$$\sin \theta = \frac{3}{5}$$

$$\cos \theta = \frac{4}{5}$$

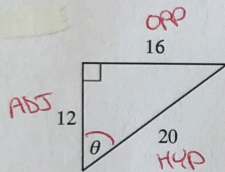
$$\tan \theta = \frac{3}{4}$$

$$\csc \theta = \frac{5}{3}$$

$$\sec \theta = \frac{5}{4}$$

$$\cot \theta = \frac{4}{3}$$

3)



$$\sin \theta = \frac{16}{20}$$

$$\cos \theta = \frac{12}{20}$$

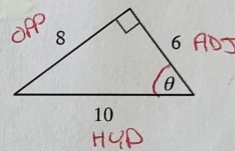
$$\tan \theta = \frac{16}{12}$$

$$\csc \theta = \frac{20}{16}$$

$$\sec \theta = \frac{20}{12}$$

$$\cot \theta = \frac{12}{16}$$

4)



$$\sin \theta = \frac{8}{10}$$

$$\cos \theta = \frac{6}{10}$$

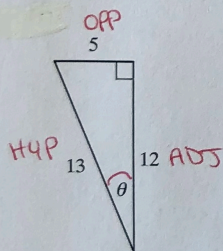
$$\tan \theta = \frac{8}{6}$$

$$\csc \theta = \frac{10}{8}$$

$$\sec \theta = \frac{10}{6}$$

$$\cot \theta = \frac{6}{8}$$

5)



$$\sin \theta = \frac{5}{13}$$

$$\cos \theta = \frac{12}{13}$$

$$\tan \theta = \frac{5}{12}$$

$$\csc \theta = \frac{13}{5}$$

$$\sec \theta = \frac{13}{12}$$

$$\cot \theta = \frac{12}{5}$$