

Trigonometry

Name: _____

Date: _____

Find the trigonometric ratios.

1) If $\operatorname{cosec}\theta = \frac{9}{5}$, Find $\tan\theta$.

2) If $\cos\theta = \frac{24}{26}$, Find $\operatorname{cosec}\theta$.

3) If $\cot\theta = \frac{76}{57}$, Find $\cos\theta$.

4) If $\sec\theta = \frac{99}{98}$, Find $\tan\theta$.

5) If $\sec\theta = \frac{98}{79}$, Find $\sin\theta$.

6) If $\cot\theta = \frac{91}{39}$, Find $\sin\theta$.

7) If $\cot\theta = \frac{59}{43}$, Find $\cos\theta$.

8) If $\cot\theta = \frac{75}{40}$, Find $\operatorname{cosec}\theta$.

9) If $\operatorname{cosec}\theta = \frac{98}{14}$, Find $\tan\theta$.

10) If $\tan\theta = \frac{39}{80}$, Find $\sec\theta$.

Trigonometry

Name: _____

Date: _____

Find the trigonometric ratios.

1) If $\operatorname{cosec}\theta = \frac{9}{5}$, Find $\tan\theta$.

$$\tan\theta = \frac{5}{\sqrt{56}}$$

2) If $\cos\theta = \frac{24}{26}$, Find $\operatorname{cosec}\theta$.

$$\operatorname{cosec}\theta = \frac{26}{10}$$

3) If $\cot\theta = \frac{76}{57}$, Find $\cos\theta$.

$$\cos\theta = \frac{76}{95}$$

4) If $\sec\theta = \frac{99}{98}$, Find $\tan\theta$.

$$\tan\theta = \frac{14}{98}$$

5) If $\sec\theta = \frac{98}{79}$, Find $\sin\theta$.

$$\sin\theta = \frac{58}{98}$$

6) If $\cot\theta = \frac{91}{39}$, Find $\sin\theta$.

$$\sin\theta = \frac{39}{99}$$

7) If $\cot\theta = \frac{59}{43}$, Find $\cos\theta$.

$$\cos\theta = \frac{59}{73}$$

8) If $\cot\theta = \frac{75}{40}$, Find $\operatorname{cosec}\theta$.

$$\operatorname{cosec}\theta = \frac{85}{40}$$

9) If $\operatorname{cosec}\theta = \frac{98}{14}$, Find $\tan\theta$.

$$\tan\theta = \frac{14}{97}$$

10) If $\tan\theta = \frac{39}{80}$, Find $\sec\theta$.

$$\sec\theta = \frac{89}{80}$$
