

Find the value of the trig function indicated.

1) Find $\sin \theta$ if $\cot \theta = \frac{4}{3}$

2) Find $\cos \theta$ if $\sin \theta = \frac{3}{5}$

3) Find $\sin \theta$ if $\cos \theta = \frac{3}{5}$

4) Find $\cot \theta$ if $\tan \theta = 3\sqrt{7}$

5) Find $\cot \theta$ if $\cos \theta = \frac{3}{4}$

6) Find $\cos \theta$ if $\csc \theta = \frac{5}{3}$

7) Find $\sin \theta$ if $\cot \theta = \frac{3}{4}$

8) Find $\cos \theta$ if $\sin \theta = \frac{1}{4}$

9) Find $\tan \theta$ if $\csc \theta = \frac{13}{12}$

10) Find $\csc \theta$ if $\cos \theta = \frac{15}{17}$

11) Find $\tan \theta$ if $\cot \theta = \frac{3}{4}$

12) Find $\sin \theta$ if $\csc \theta = \frac{23}{5}$

13) Find $\tan \theta$ if $\sin \theta = \frac{4\sqrt{17}}{17}$

14) Find $\cos \theta$ if $\cot \theta = \frac{3\sqrt{19}}{95}$

15) Find $\cos \theta$ if $\sin \theta = \frac{4}{5}$

16) Find $\sec \theta$ if $\cos \theta = \frac{4}{5}$

17) Find $\tan \theta$ if $\cot \theta = \frac{3}{4}$

18) Find $\csc \theta$ if $\sin \theta = \frac{3}{5}$

Answers to Assignment: T-Ratio

1) $\frac{3}{5}$

5) $\frac{3\sqrt{7}}{7}$

9) $\frac{12}{5}$

13) 4

17) $\frac{4}{3}$

2) $\frac{4}{5}$

6) $\frac{4}{5}$

10) $\frac{17}{8}$

14) $\frac{3}{22}$

18) $\frac{5}{3}$

3) $\frac{4}{5}$

7) $\frac{4}{5}$

11) $\frac{4}{3}$

15) $\frac{3}{5}$

4) $\frac{\sqrt{7}}{21}$

8) $\frac{\sqrt{15}}{4}$

12) $\frac{5}{23}$

16) $\frac{5}{4}$

