

Name \_\_\_\_\_

Date \_\_\_\_\_

### Find the missing Angle - Independent Practice Worksheet

Complete all the problems and find the missing angles.

1.  $QR = 36$  ;  $PR = 45$  ;  $PQ = 21$ ,  $\sin$ \_\_\_\_\_ =  $21 / 45$

2.  $QR = 16$  ;  $PR = 2$  ;  $PQ = 8$ ,  $\tan$ \_\_\_\_\_ =  $8 / 16$

3.  $QR = 15$  ;  $PR = 28$  ;  $PQ = 15$ ,  $\cos$ \_\_\_\_\_ =  $15 / 28$

4.  $QR = 47$  ;  $PR = 64$  ;  $PQ = 38$ ,  $\tan$ \_\_\_\_\_ =  $38 / 47$

5.  $QR = 4$  ;  $PR = 17$  ;  $PQ = 12$ ,  $\sin$ \_\_\_\_\_ =  $12 / 17$

6.  $QR = 36$  ;  $PR = 59$  ;  $PQ = 20$ ,  $\cos$ \_\_\_\_\_ =  $36 / 59$

7.  $QR = 82$  ;  $PR = 63$  ;  $PQ = 29$ ,  $\tan$ \_\_\_\_\_ =  $29 / 82$

8.  $QR = 10$  ;  $PR = 28$  ;  $PQ = 8$ ,  $\sin$ \_\_\_\_\_ =  $8 / 28$

9.  $QR = 51$  ;  $PR = 42$  ;  $PQ = 9$ ,  $\tan$ \_\_\_\_\_ =  $9 / 51$

10.  $QR = 16$  ;  $PR = 20$  ;  $PQ = 17$ ,  $\cos$ \_\_\_\_\_ =  $16 / 20$

