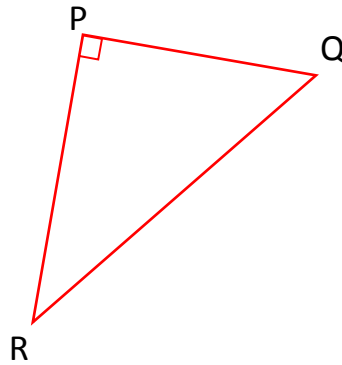


Name: \_\_\_\_\_

Date \_\_\_\_\_

Topic: Find the missing Angle- Worksheet 1

Fill in the missing angle.



1.  $PQ = 44 ; QR = 80 ; RP = 61$   
 $\tan \_\_\_ = 44 / 61$

2.  $PQ = 99 ; QR = 65 ; RP = 35$   
 $\cos \_\_\_ = 35 / 65$

3.  $PQ = 50 ; QR = 72 ; RP = 80$   
 $\sin \_\_\_ = 50 / 72$

4.  $PQ = 35 ; QR = 69 ; RP = 20$   
 $\cos \_\_\_ = 20 / 69$

5.  $PQ = 25 ; QR = 77 ; RP = 35$   
 $\cos \_\_\_ = 25 / 77$

6.  $PQ = 26 ; QR = 48 ; RP = 88$   
 $\sin \_\_\_ = 26 / 48$

7.  $PQ = 29 ; QR = 56 ; RP = 29$   
 $\tan \_\_\_ = 29 / 56$

8.  $PQ = 20 ; QR = 78 ; RP = 26$   
 $\cos \_\_\_ = 26 / 78$

9.  $PQ = 36 ; QR = 56 ; RP = 86$   
 $\sin \_\_\_ = 36 / 56$

10.  $PQ = 64 ; QR = 78 ; RP = 84$   
 $\sin \_\_\_ = 64 / 78$

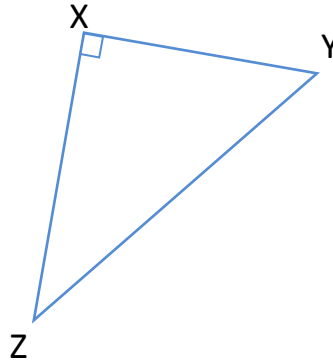


Name: \_\_\_\_\_

Date \_\_\_\_\_

Topic: Find the missing Angle- Worksheet 2

Fill in the missing angle.



1.  $XY = 58 ; YZ = 34 ; ZX = 72$   
 $\tan \_\_\_ = 58 / 72$

2.  $XY = 13 ; YZ = 42 ; ZX = 29$   
 $\cos \_\_\_ = 29 / 42$

3.  $XY = 30 ; YZ = 53 ; ZX = 26$   
 $\sin \_\_\_ = 30 / 53$

4.  $XY = 26 ; YZ = 60 ; ZX = 25$   
 $\cos \_\_\_ = 25 / 60$

5.  $XY = 45 ; YZ = 55 ; ZX = 23$   
 $\cos \_\_\_ = 45 / 55$

6.  $XY = 13 ; YZ = 28 ; ZX = 66$   
 $\sin \_\_\_ = 13 / 28$

7.  $XY = 76 ; YZ = 88 ; ZX = 40$   
 $\tan \_\_\_ = 76 / 88$

8.  $XY = 50 ; YZ = 61 ; ZX = 27$   
 $\cos \_\_\_ = 27 / 61$

9.  $XY = 40 ; YZ = 48 ; ZX = 60$   
 $\sin \_\_\_ = 40 / 48$

10.  $XY = 71 ; YZ = 89 ; ZX = 60$   
 $\sin \_\_\_ = 71 / 89$

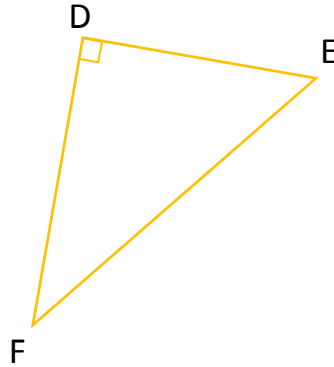


Name: \_\_\_\_\_

Date \_\_\_\_\_

Topic: Find the missing Angle- Worksheet 3

Fill in the missing angle.



1.  $DE = 49 ; EF = 64 ; FD = 50$   
 $\tan \_\_\_ = 49 / 50$

2.  $DE = 20 ; EF = 35 ; FD = 29$   
 $\cos \_\_\_ = 29 / 35$

3.  $DE = 63 ; EF = 75 ; FD = 36$   
 $\sin \_\_\_ = 63 / 75$

4.  $DE = 68 ; EF = 40 ; FD = 30$   
 $\cos \_\_\_ = 30 / 40$

5.  $DE = 23 ; EF = 53 ; FD = 42$   
 $\cos \_\_\_ = 23 / 53$

6.  $DE = 43 ; EF = 76 ; FD = 88$   
 $\sin \_\_\_ = 43 / 76$

7.  $DE = 63 ; EF = 80 ; FD = 50$   
 $\tan \_\_\_ = 63 / 80$

8.  $DE = 55 ; EF = 75 ; FD = 30$   
 $\cos \_\_\_ = 30 / 75$

9.  $DE = 50 ; EF = 48 ; FD = 80$   
 $\sin \_\_\_ = 50 / 48$

10.  $DE = 80 ; EF = 90 ; FD = 50$   
 $\sin \_\_\_ = 80 / 90$

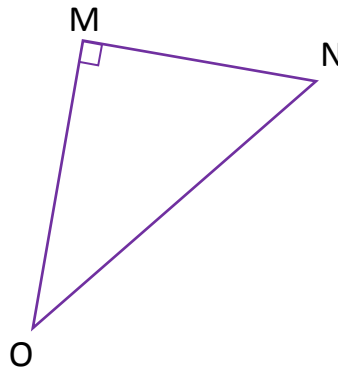


Name: \_\_\_\_\_

Date \_\_\_\_\_

Topic: Find the missing Angle- Worksheet 4

Fill in the missing angle.



1.  $MN = 60 ; NO = 20 ; OM = 40$   
 $\tan \_\_\_ = 60 / 40$

2.  $MN = 30 ; NO = 45 ; OM = 30$   
 $\cos \_\_\_ = 30 / 45$

3.  $MN = 75 ; NO = 88 ; OM = 36$   
 $\sin \_\_\_ = 75 / 88$

4.  $MN = 26 ; NO = 50 ; OM = 45$   
 $\cos \_\_\_ = 45 / 50$

5.  $MN = 66 ; NO = 90 ; OM = 46$   
 $\cos \_\_\_ = 66 / 90$

6.  $MN = 58 ; NO = 70 ; OM = 66$   
 $\sin \_\_\_ = 58 / 70$

7.  $MN = 90 ; NO = 55 ; OM = 40$   
 $\tan \_\_\_ = 90 / 55$

8.  $MN = 40 ; NO = 49 ; OM = 42$   
 $\cos \_\_\_ = 42 / 49$

9.  $MN = 40 ; NO = 50 ; OM = 60$   
 $\sin \_\_\_ = 40 / 50$

10.  $MN = 45 ; NO = 60 ; OM = 50$   
 $\sin \_\_\_ = 45 / 60$

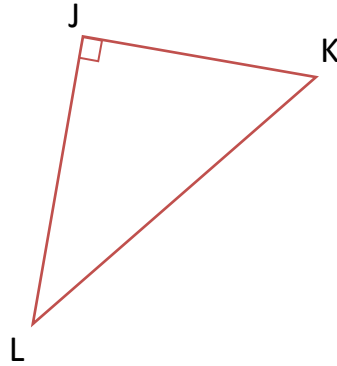


Name: \_\_\_\_\_

Date \_\_\_\_\_

Topic: Find the missing Angle- Worksheet 5

Fill in the missing angle.



1.  $JK = 50 ; KL = 33 ; LJ = 30$   
 $\tan \_\_\_ = 50 / 30$

2.  $JK = 22 ; KL = 44 ; LJ = 50$   
 $\cos \_\_\_ = 22 / 44$

3.  $JK = 86 ; KL = 100 ; LJ = 35$   
 $\sin \_\_\_ = 86 / 100$

4.  $JK = 26 ; KL = 40 ; LJ = 33$   
 $\cos \_\_\_ = 33 / 40$

5.  $JK = 55 ; KL = 80 ; LJ = 46$   
 $\cos \_\_\_ = 55 / 80$

6.  $JK = 42 ; KL = 65 ; LJ = 66$   
 $\sin \_\_\_ = 42 / 65$

7.  $JK = 80 ; KL = 30 ; LJ = 25$   
 $\tan \_\_\_ = 80 / 30$

8.  $JK = 40 ; KL = 90 ; LJ = 78$   
 $\cos \_\_\_ = 78 / 90$

9.  $JK = 50 ; KL = 60 ; LJ = 60$   
 $\sin \_\_\_ = 50 / 60$

10.  $JK = 55 ; KL = 60 ; LJ = 40$   
 $\sin \_\_\_ = 55 / 60$

