



# Trigonometric Ratios - Missing Sides

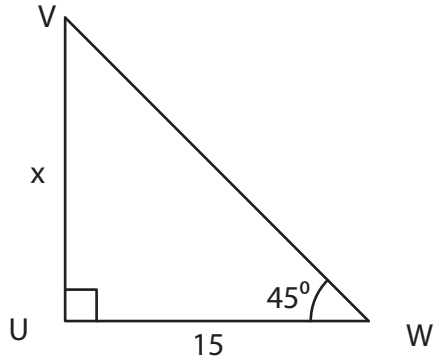
Name \_\_\_\_\_

Score \_\_\_\_\_

QR:13

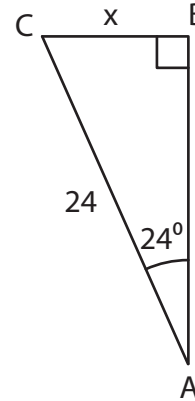
Use the trigonometric ratios to find missing sides in each right triangles. Round the answer to whole number.

1)



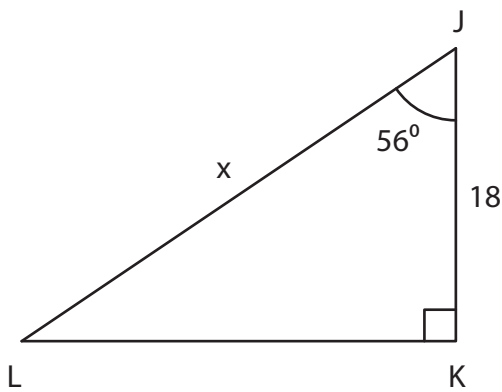
$x =$  \_\_\_\_\_

2)



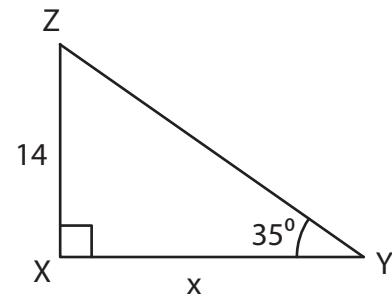
$x =$  \_\_\_\_\_

3)



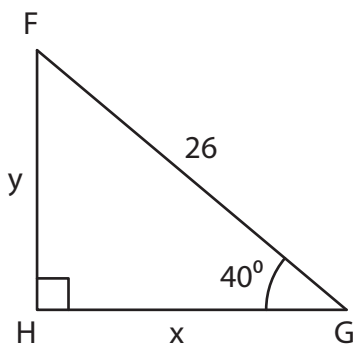
$x =$  \_\_\_\_\_

4)



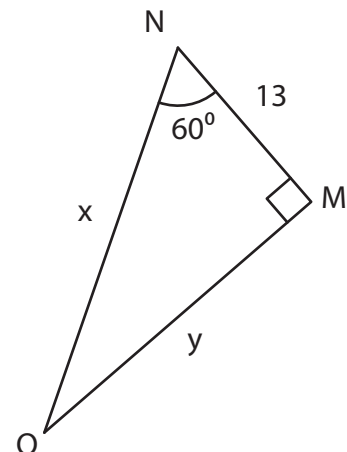
$x =$  \_\_\_\_\_

5)



$x =$  \_\_\_\_\_       $y =$  \_\_\_\_\_

6)



$x =$  \_\_\_\_\_       $y =$  \_\_\_\_\_

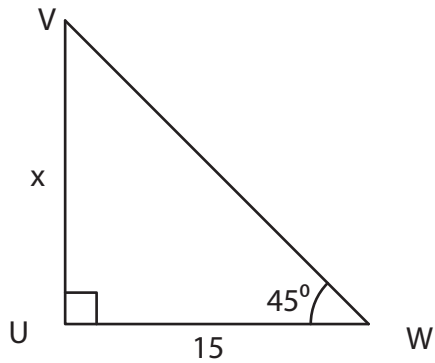


## Answer key

QR:13

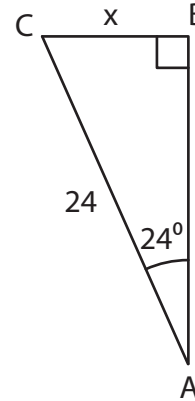
Use the trigonometric ratios to find missing sides in each right triangles. Round the answer to whole number.

1)



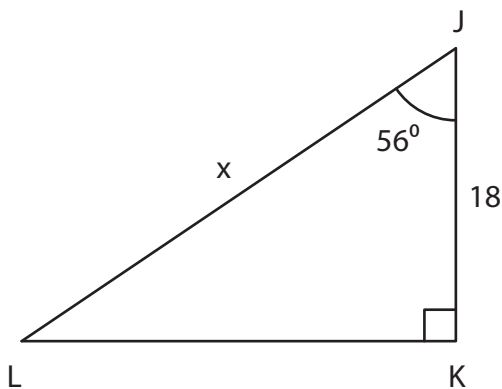
$$x = \underline{\quad 15 \quad}$$

2)



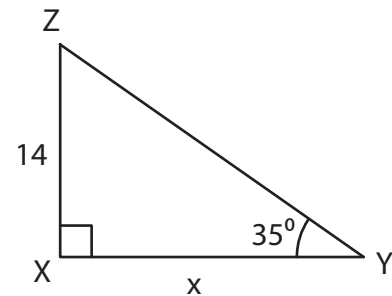
$$x = \underline{\quad 10 \quad}$$

3)



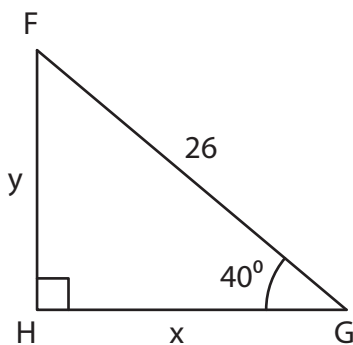
$$x = \underline{\quad 32 \quad}$$

4)



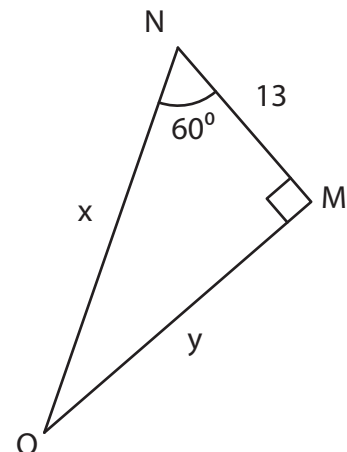
$$x = \underline{\quad 20 \quad}$$

5)



$$x = \underline{\quad 20 \quad} \quad y = \underline{\quad 17 \quad}$$

6)



$$x = \underline{\quad 26 \quad} \quad y = \underline{\quad 23 \quad}$$