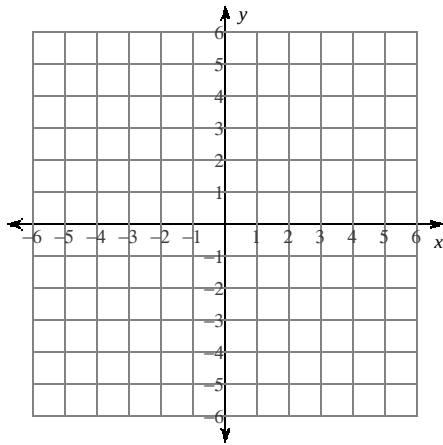
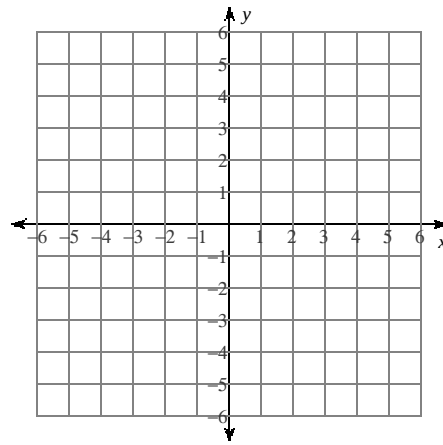


Find the inverse of each function. Then graph the function AND its inverse.

1) $f(x) = \frac{3x}{4}$



2) $g(x) = 2 - \frac{3}{2}x$



Find the inverse of each function.

3) $f(x) = \frac{3x+3}{4}$

4) $h(x) = -\frac{3}{2}x - \frac{3}{2}$

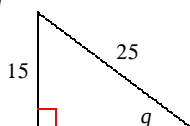
Determine if the given functions are inverses, use the composition of the two functions.

5) $g(x) = \frac{-15+4x}{3}$
 $f(x) = -4x$

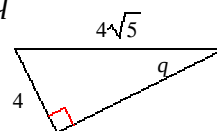
6) $h(x) = -\frac{1}{4}x - 1$
 $f(x) = \frac{1}{9}x - \frac{4}{9}$

Find the EXACT value of the trig function indicated.

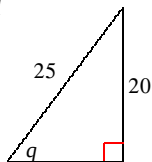
7) $\sin q$



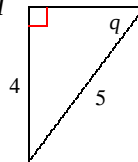
8) $\tan q$



9) $\cos q$



10) $\csc q$

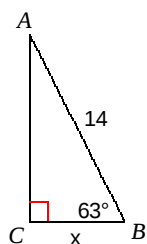


11) Find $\cos q$ if $\sin q = \frac{1}{2}$

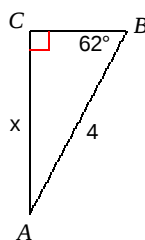
12) Find $\cos q$ if $\sin q = \frac{4}{5}$

Find the measure of each side indicated. Round to the nearest tenth.

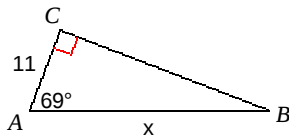
13)



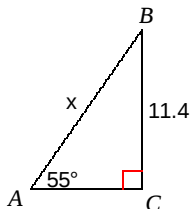
14)



15)

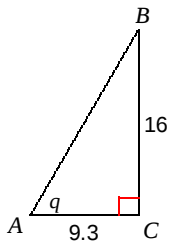


16)



Find the measure of each angle indicated. Round to the nearest tenth.

17)



18)

