

Name _____

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.**Use the information given about the angle θ , to find the exact value of the indicated trigonometric function.**

1) $\sin \theta = -\frac{4}{5}$, θ in quadrant IV Find $\sin 2\theta$. 1) _____

A) $-\frac{7}{25}$

B) $\frac{7}{25}$

C) $\frac{24}{25}$

D) $-\frac{24}{25}$

Determine whether the given function is one-to-one. If it is one-to-one, find its inverse.

2) $f(x) = \frac{5}{x-2}$ 2) _____

A) Not one-to-one

B) $f^{-1}(x) = \frac{x}{-2+5x}$

C) $f^{-1}(x) = \frac{2x+5}{x}$

D) $f^{-1}(x) = \frac{-2+5x}{x}$