

| 1.4 HOMEWORK QUIZ – Library of Functions | |
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| Date | FORM A |
| NAME: | |
| 1. Determine whether the equation represents y as a function of x . $16x - y^4 = 0$ | |
| 2. Given: $f(x) = x^2 + 1$ Evaluate the function for $f(x - 2)$ | |
| 3. State the domain of the function. $f(x) = \sqrt{25 - x^2}$ | |
| Grade: | |

| 1.4 HOMEWORK QUIZ – Library of Functions | |
|--|--------|
| Date | FORM B |
| NAME: | |
| 1. Determine whether the equation represents y as a function of x . $f(x) = \sqrt{1 - x}$ | |
| 2. Given: $f(x) = x^2 - 2$ Evaluate the function for $f(x - 2)$ | |
| 3. State the domain of the function. $f(x) = \frac{x}{x^2 - x - 6}$ | |
| Grade: | |

1.4 HOMEWORK QUIZ – Library of Functions

Date

FORM C

NAME:

1. Determine whether the equation represents y as a function of x .

$$2x - y - 3 = 0$$

2. Given: $f(x) = x^2 + 2$

Evaluate the function for $f(x - 2)$

3. State the domain of the function.

$$f(x) = \frac{x}{x^2 - x - 12}$$

Grade:

1.4 HOMEWORK QUIZ – Library of Functions

Date

FORM D

NAME:

1. Determine whether the equation represents y as a function of x .

$$8x - y^3 = 0$$

2. Given: $f(x) = x^2 - 3$

Evaluate the function for $f(x - 2)$

3. State the domain of the function.

$$f(x) = \sqrt{36 - x^2}$$

Grade: