

1. Draw an xy plane and plot ordered pair solutions to the equation $y = 3x - 2$. Use the values of x in the table.

| x | $y = 3x - 2$ |
|-----|--------------|
| -1 | |
| 0 | |
| 1 | |
| 2 | |

Consider the functions

$$f(x) = 4x + 3,$$

$$g(x) = x^2 - 5, \text{ and}$$

$$h(x) = \frac{4x}{x+1}$$

Compute the following.

2. $f(5)$

3. $g(2)$

4. $h(-3)$

5. $g(-3)$

6. $h(20)$

7. $g(3.81)$

8. $h(492.6)$