

1-7 Function Notation

Warm Up

Evaluate.

1. $5x - 2$ when $x = 4$
2. $3x^2 + 4x - 1$ when $x = 5$
3. $2x + 4\sqrt{x}$ when $x = 16$
4. $2 - t^2$ when $t = \frac{1}{2}$
5. Give the domain and range for this relation: $\{(1, 1), (-1, 1), (2, 4), (-2, 4), (-3, 9), (3, 9)\}$.

1-8 Exploring Transformations

Warm Up

Plot each point.

1. $A(0, 0)$
2. $B(5, 0)$
3. $C(-5, 0)$
4. $D(0, 5)$
5. $E(0, -5)$
6. $F(-5, -5)$

1-7 Function Notation

Warm Up

Evaluate.

- $5x - 2$ when $x = 4$ **18**
- $3x^2 + 4x - 1$ when $x = 5$ **94**
- $2x + 4\sqrt{x}$ when $x = 16$ **48**
- $2 - t^2$ when $t = \frac{1}{2}$ **$\frac{13}{4}$**
- Give the domain and range for this relation: $\{(1, 1), (-1, 1), (2, 4), (-2, 4), (-3, 9), (3, 9)\}$.
D: $\{-3, -2, -1, 1, 2, 3\}$ R: $\{1, 4, 9\}$

1-8 Exploring Transformations

Warm Up

Plot each point.

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|---------------|----------------|
| 1. $A(0, 0)$ | 2. $B(5, 0)$ |
| 3. $C(-5, 0)$ | 4. $D(0, 5)$ |
| 5. $E(0, -5)$ | 6. $F(-5, -5)$ |

