### 7.2 Solve Inequalities

NAME: $\qquad$
Corrective Assignment

## DATE:

$\qquad$

For 1-4, solve the inequality and graph the solution set on the number line.

1. $2 x-3>3$

2. $-3 \leq 2 y+7$

3. $\frac{1}{3} n+3<5$
4. $-32 \leq 2(3 x-4)$

## SELECT ALL

5. Select all values of $x$ that make $5+4 x \leq 9$ a true statement.
(A) $x=0$
(B) $x=1$
(C) $x=2$
(D) $x=3$

## SELECT ALL

7. Select all values of $n$ that make $3>7+\frac{1}{2} n$ a true statement.
(A) $n=-12$
(B) $n=-10$
(C) $n=-8$
(D) $n=-6$

ANSWERS TO 7.2 CORRECTIVE ASSIGNMENT

| 1. $x>3$ |  |  |  |
| :---: | :---: | :---: | :---: |
| 3. $n<6$ | $3 \dot{4}+\underset{6}{\oplus} \underset{7}{\longrightarrow}$ | 4. $x \geq-4$ | $\frac{-6-5}{-1}-9-3$ |
| 5. A and B | 6. A, B, and C |  | 7. A and B |

