DIGITAL

NAME _____

DATE _____

Module 5   Solving Linear Inequalities of
               One Variable
Lesson 3   Solving Two-Step Linear Inequalities
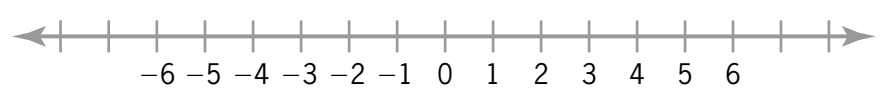
**guided
notes**

Lesson Objectives

- Solve two-step linear inequalities using addition and subtraction.
- Solve two-step linear inequalities using multiplication and division.

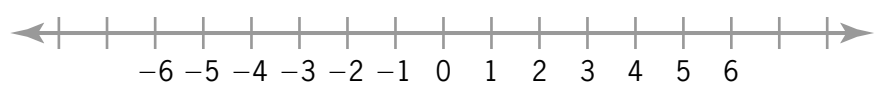The inequality $4x + 2 < 14$ contains a multiplication and an addition.

Undo _____ first.

To graph the inequality $x < 3$, draw an _____ circle at 3, and
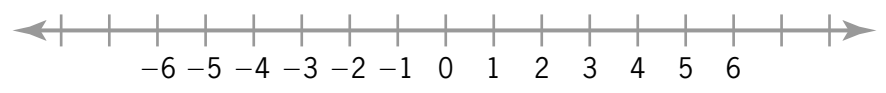
then draw a shaded arrow to the _____ .
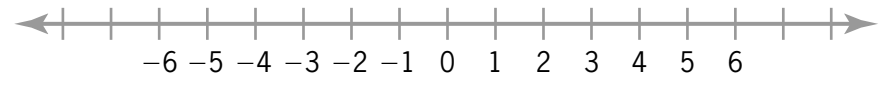
1 ▸ Solve and graph: $4x - 3 > 5$ _____

2 ▸ Solve and graph: $\frac{1}{3}x + 7 \geq 5$ _____

3 ▸ Solve and graph: $-x + 4 \leq 3$ _____

4 ▸ Solve and graph: $-6x - 12 < -24$ _____

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