

Name _____

4-6A Lesson Master

Questions on SPUR Objectives

See pages 245–249 for objectives.

PROPERTIES Objective G

In 1 and 2, solve.

1. $4x - 3 = 4(x - 0.75)$

2. $2(8x - 13) = 32(0.5x - 0.5)$

3. Explain why $4x - 3 = 4(x - 1)$ has no real solutions.

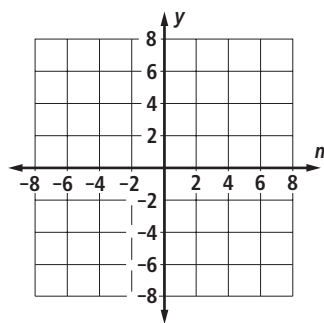
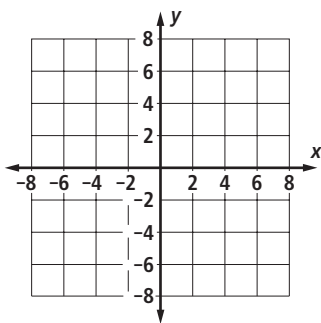
4. Explain why no real number is a solution to $3x + 4 < 3x - 4$.

REPRESENTATIONS Objective M

In 5–8, solve by letting y equal each side of the sentence and graphing.

5. $17x + 13 - 2(7x + 5) < 3(x + 1)$

6. $3m + 3 = 3m + 1$



7. $1.5(3x + 2) > 10x + 0.5(11x + 9)$

8. $2x - 1 = 2(x - 1) + 1$

