

## Lesson 7

### Inequalities

#### Answers

- 1)  $x > 7$
- 2)  $3y \leq 12, y \leq 4$
- 3)  $m < -4$  (divided by  $-2$ , flipped sign)
- 4)  $4n \geq 16, n \geq 4$
- 5)  $-5a < -20, a > 4$  (divided by  $-5$ , flipped sign)
- 6)  $2x - 8 \leq 6, 2x \leq 14, x \leq 7$
- 7)  $2x + 8 > 20, 2x > 12, x > 6$