

Name _____

Date _____

Lesson 12: Properties of Inequalities

Exit Ticket

1. Given the initial inequality $-4 < 7$, state possible values for c that would satisfy the following inequalities:
 - a. $c(-4) < c(7)$
 - b. $c(-4) > c(7)$
 - c. $c(-4) = c(7)$
2. Given the initial inequality $2 > -4$, identify which operation preserves the inequality symbol and which operation reverses the inequality symbol. Write the new inequality after the operation is performed.
 - a. Multiply both sides by -2 .
 - b. Add -2 to both sides.
 - c. Divide both sides by 2 .
 - d. Multiply both sides by $-\frac{1}{2}$.
 - e. Subtract -3 from both sides.