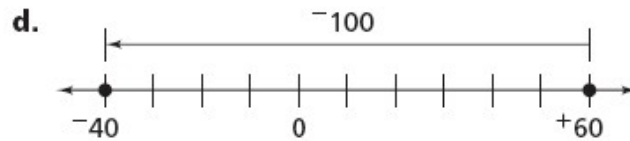
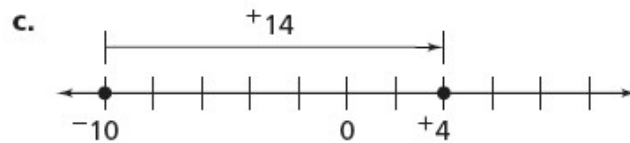
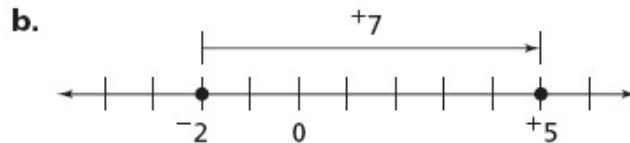
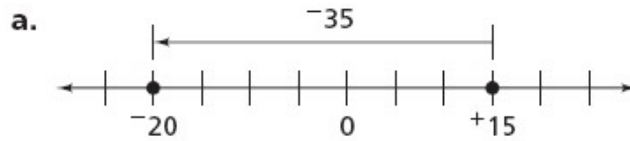


Name _____

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3. Write an addition number sentence that matches each diagram.



7. Find each value without using a calculator.

a. $+12 + -12$

b. $+12 - +12$

c. $-12 - +12$

d. $-12 - -12$

e. $-12 + -12$

f. $-12 + +12$

8. Find each value.

a. $+50 + -35$

b. $+50 - -20$

c. $-19 - +11$

d. $-30 - +50$

e. $-35 + -15$

f. $+12 + -18$

10. Without doing any calculations, decide which will give the greater result. Explain your reasoning.

a. $+5,280 + -768$ OR $+5,280 - -768$

b. $+1,760 - -880$ OR $+1,760 - +880$

c. $+1,500 + +3,141$ OR $+1,500 - -3,141$

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11. Without doing any calculations, determine whether each result is positive or negative. Explain.

a. $-23 + +19$

b. $+3.5 - -2.7$

c. $-3.5 - -2.04$

d. $+3.1 + -6.2$

13. Without using a calculator, find each sum or difference. Show your work.

a. $+15 + -10$

b. $-20 - +14$

c. $+200 - -125$

d. $-20 - -14$

e. $-200 + +125$

f. $+7 - +12$

26. Are the expressions in each group below equivalent? If so, which form makes the computation easiest?

a. $+8 + -10$

b. $3 + -8$

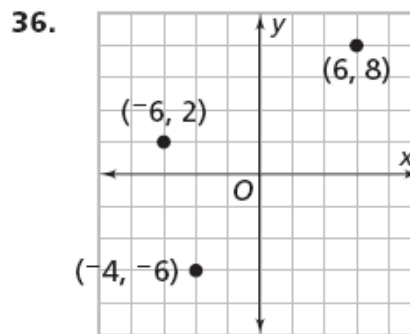
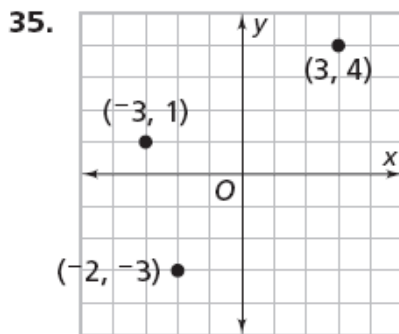
$8 - +10$

$3 - +8$

$8 - 10$

$3 - 8$

Use the points in each coordinate grid to determine what scale interval was used on each axis.



38. Find the distance between each pair of numbers on a number line.

a. $+8, +4$

b. $-8, +4$

c. $+8, -4$

d. $-8, -4$

e. $-3\frac{1}{2}, +\frac{3}{4}$

f. $+5.4, -1.6$