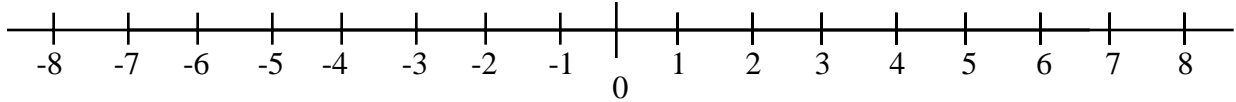


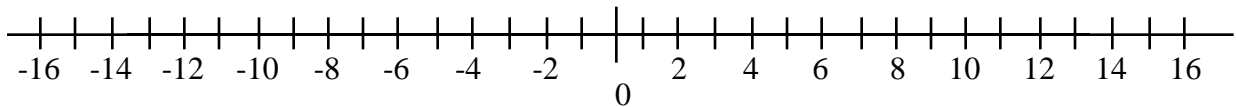
Section 1.2 Focus Exercises

1. Use this number line, as necessary, to help you evaluate the following.



- a) $-3 + 4 =$ b) $-5 + (-1) =$ c) $-4 + (-3) =$
- d) $-2 + (-5) =$ e) $-1 + (-6) =$ f) $-8 + 8 =$
- g) $-4 + 8 =$ h) $5 + (-5) =$ i) $-8 + 10 =$
- j) $0 + (-3) =$ k) $-6 + 0 =$ l) $-6 + 12 =$

2. Use the variety of techniques presented to add these signed numbers. A number line is provided here for your convenience.



- a) $-10 + 3 =$ b) $-1 + (-11) =$ c) $-11 + 5 =$
- d) $-3 + (-15) =$ e) $-13 + 14 =$ f) $-3 + (-14) =$
- g) $19 + 1 =$ h) $-9 + (-11) =$ i) $-8 + 12 =$
- j) $17 + (-4) =$ k) $-3 + 16 =$ l) $2 + (-15) =$

3. Rewrite each sum using the Commutative Property. Then, evaluate the original sum and the new sum.

a) $-7 + 6 =$ _____
_____ = _____

b) $-8 + (-2) =$ _____
_____ = _____

c) $3 + (-10) =$ _____
_____ = _____

d) $9 + 6 =$ _____
_____ = _____

4. Find each sum. You may use any technique presented in this section.

a) $-21 + 8 =$

b) $14 + (-29) =$

c) $-18 + 36 =$

d) $20 + (-19) =$

e) $-15 + (-40) =$

f) $-68 + (-23) =$

g) $-42 + 91 =$

h) $-53 + 37 =$

i) $-57 + (-63) =$

5. Find each sum. These require a little more thinking.

a) $-5.2 + 8.3 =$

b) $-.58 + (-.82) =$

c) $1.6 + (-7.9) =$

d) $-.38 + .14 =$

e) $4.6 + (-3.8) =$

f) $-2.8 + (-0.59) =$