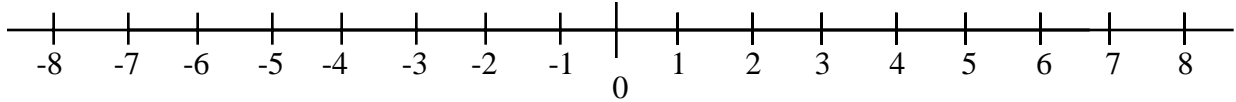


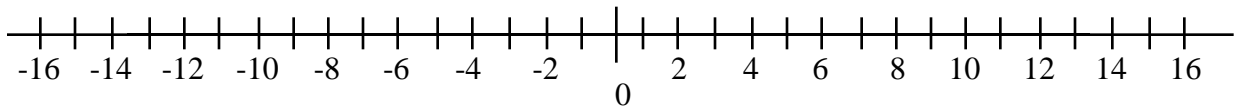
## Section 1.2 Focus Exercises

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)  $-2.8 + (-0.59) =$