## Section 1.3 Focus Exercises

1. Rewrite each subtraction as addition. Then, evaluate the sum.
a) $10-3=\square=$
b) $15-5=$ $\qquad$
c) $8-12=\square=$
d) $9-9=$ $\qquad$
$\qquad$
e) $-2-4=$ $\qquad$
f) $-6-9=$ $\qquad$
$\qquad$
g) $3-8$ $\qquad$
$\qquad$
h) $-16-1=$ $\qquad$
$\qquad$
2. Use the Commutative Property to rewrite each of these. Then, evaluate the expression.
a) $7-4$ $\qquad$
b) $2-12=$
$=$ $\qquad$
c) $-3+6$ $\qquad$ $=$ $\qquad$
d) $-9-1=$ $\qquad$ $=$ $\qquad$
e) $-10-8$ $\qquad$
f) $8-20=$ $\qquad$
$\qquad$
g) $-15+51=$ $\qquad$ $=$ $\qquad$
h) $22-29=$ $\qquad$ $=$ $\qquad$
3. Rewrite each expression into words using and and the opposite of . Then, rewrite the expression as a sum and evaluate.
a) $8-(-10)=$ $\qquad$

$$
\begin{array}{ll}
= & = \\
= & =\square \\
= & =\square \\
= & = \\
= & = \\
= & =
\end{array}
$$

b) $-3-(-4)=$ $\qquad$
c) $7-(-9)=$ $\qquad$
d) $-9-(-4)=$ $\qquad$
e) $-12-(-7)=$ $\qquad$
f) $-6-(-6)=$ $\qquad$
4. Rewrite each subtraction as addition. Then, evaluate the sum.
a) $2-(-7)=$ $\qquad$ $=$ $\qquad$
b) $12-(-2)=$ $\qquad$ $=$ $\qquad$
c) $-3-(-5)=$ $\qquad$
$\qquad$
d) $-6-(-7)=$ $\qquad$ $=$
e) $-4-(-4)=$ $\qquad$
$\qquad$
f) $0-(-10)=$ $\qquad$ $=$ $\qquad$
5. Evaluate each expression.
a) $1.4+(-0.6)=$
b) $2.5-8.0=$
c) $1.6-2.3=$
d) $1.9+(-3.0)=$
e) $-2.2+(-7.1)=$
f) $-5.1-2.3=$
g) $-0.35-0.9=$
h) $-2.6-(-0.08)=$
i) $\frac{7}{9}-\frac{2}{9}=$
j) $-\frac{8}{11}-\frac{2}{11}=$
k) $-\frac{3}{25}+\frac{14}{25}=$

1) $\frac{6}{7}-\frac{12}{7}=$
m) $\frac{6}{13}-\left(-\frac{3}{13}\right)=$
n) $-\frac{8}{14}-\left(-\frac{3}{14}\right)=$
o) $-\frac{1}{11}-\left(-\frac{14}{11}\right)=$
p) $\frac{4}{21}-\left(-\frac{13}{21}\right)=$
6. Marla has only $\$ 23$ in her checking account, and she writes a check for $\$ 35$. How much is her new balance?

Numerical expression:
Sentence:
7. Tom is being foolish by writing too many checks when he doesn't have enough money. His check register had a balance of $-\$ 64$ when he wrote a check for $\$ 36$. What is his balance now?

Numerical expression:
Sentence:
8. At midnight the outside temperature was $-6^{\circ}$. By noon the temperature had risen $13^{\circ}$. What was the temperature at noon?

Numerical expression:
Sentence:
9. At 3:00 p.m. the outside temperature was $-2^{\circ}$. By 10:00 p.m. the temperature had dropped $15^{\circ}$. What was the temperature at 10:00 p.m.?
Numerical expression:
Sentence:

