Homework

Activity 1

Combine like terms using the commutative and associative properties in the expressions.

1. $x + 7 + x$
2. $-4 + y + -8$
3. $-w + 11 + 2w$
4. $6 + -a - 3$
5. $-2m + 4 + -3m + 6$
6. $8 + n + 2 + -3$

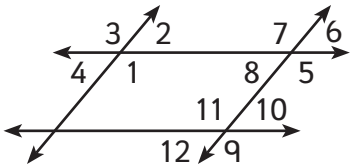
Activity 2

Solve.

1. $18 = 2x + -3 + -2x + 3x$
2. $3 + w + -7 = 21$
3. $a + 2a + -3 + a = 20$
4. $4 + b + -2 + 2b = 8 + b$

Activity 3

Tell the reasons for each of the steps proving that ∠1 and ∠11 are equal.



Proof	
Steps	**Reasons**
1. measure of ∠1 = measure of ∠3	
2. measure of ∠3 = measure of ∠7	
3. measure of ∠7 = measure of ∠11	
4. measure of ∠1 = measure of ∠11	

Activity 4 • Distributed Practice

Solve.

1. $x \cdot \frac{4}{3} = 1$
2. $-9 \cdot -8 = m$
3. $a + -1.2 = 0$
4. $\frac{z}{15} = \frac{3}{5}$
5. $-27 + b = 30$
6. $15 = 3(m + 1)$