

# Another Look

For use with Lesson 1-4.

## Associative Property

**Examples** 1) Associative Property.

$$(t + u) + 9$$

**Solution**  $t + (u + 9)$   $t + (u + 9)$  has the same value as  $(t + u) + 9$  for any numbers that replace  $t$  and  $u$ .

2) Use the Associative Property of Addition to simplify.

$$(t + 92) + 72$$

**Solution**  $(t + 92) + 72 = t + (92 + 72)$   
 $= t + 164$

Write an equivalent expression using the Associative Property.

1.  $(k + m) + 3$
2.  $(k + m) + 2$
3.  $(k + m) + 8$
4.  $(j + k) + 1$
5.  $(n + p) + 4$
6.  $(h + j) + 5$
7.  $(j + k) + 6$
8.  $(h + j) + 7$
9.  $(c + d) + 9$

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
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11. \_\_\_\_\_
12. \_\_\_\_\_
13. \_\_\_\_\_
14. \_\_\_\_\_
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16. \_\_\_\_\_
17. \_\_\_\_\_
18. \_\_\_\_\_
19. \_\_\_\_\_
20. \_\_\_\_\_

Use the Associative Property of Addition to simplify.

10.  $(c + 54) + 23$
11.  $(j + 69) + 67$
12.  $(p + 44) + 46$
13.  $(b + 59) + 86$
14.  $(p + 91) + 24$
15.  $(j + 26) + 63$
16.  $(s + 91) + 14$
17.  $(q + 69) + 52$
18.  $(k + 81) + 66$
19.  $(r + 73) + 14$
20.  $(d + 85) + 13$