

Name \_\_\_\_\_

Date \_\_\_\_\_

# Algebra

## Skill 3 - 4D

### Properties: Problem Solving

**Directions:** Answer the following questions. You can add the numbers below in any order and the sum will be the same. (Order Property of Addition or Commutative Property)

<p><b>1.</b> Ryan has 13 fish, 7 turtles and 3 dogs. How many pets does Ryan have in all?</p>	<p><b>2.</b> Dylan saw 8 squirrels, 6 lizards and 5 birds during his walk home. How many animals did Dylan see in all?</p>
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<p><b>3.</b> Mason has 10 red marbles, 12 blue marbles and 8 yellow marbles. How many marbles does Mason have in all?</p>	<p><b>4.</b> Mia saw 3 oak trees, 3 maple trees and 12 pine trees during her walk to school. How many trees did Mia see in all?</p>
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<p><b>5.</b> Marvin has 8 red toy cars, 7 blue toy cars and 10 orange toy cars. How many toy cars does Marvin have in all?</p>	<p><b>6.</b> Rachel has 7 red markers, 7 blue markers and 6 yellow markers. How many markers does Rachel have in all?</p>
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Date \_\_\_\_\_

# Algebra

## Skill 3 - 4D

### Properties: Problem Solving

**Directions:** Answer the following questions. You can add the numbers below in any order and the sum will be the same. (Order Property of Addition)

<p>7.</p> <p>Tina picked 13 red roses, 5 white roses and 7 pink roses. How many roses did Tina pick in all?</p>	<p>8.</p> <p>Ben drew 5 pictures of trees, 10 pictures of clouds and 9 pictures of ponds. How many pictures did Ben draw in all?</p>
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<p>9.</p> <p>Gavin drew 5 pictures of cars, 5 pictures of trucks and 6 pictures of bicycles. How many pictures did Gavin draw in all?</p>	<p>10.</p> <p>Sydney picked 11 oranges, 3 apples and 8 pears. How many pieces of fruit did Sydney pick in all?</p>
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<p>11.</p> <p>Kevin has 10 red pieces of paper, 15 blue pieces of paper and 5 yellow pieces of paper. How many pieces of paper does Kevin have in all?</p>	<p>12.</p> <p>Ella saw 9 sparrows, 9 bluebirds and 9 mocking birds during her walk to school. How many birds did Ella see in all?</p>
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Answer Key  
Skill 3 - 4D

This worksheet uses the Order Property of Addition

Example of the Oder Property of Addition

$$4 + 5 + 7 = 7 + 4 + 5$$

Above is an example of the Order Property or sometimes called the Commutative Property of Addition

When adding, the order of the addends does not change the sum.

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The answers below can be added in any order.

1.  $13 + 7 + 3 = 23$  pets      2.  $6 + 5 + 8 = 19$  animals      3.  $12 + 10 + 8 = 30$  marbles

4.  $3 + 3 + 12 = 18$  trees      5.  $10 + 7 + 8 = 25$  toy cars      6.  $7 + 7 + 6 = 20$  markers

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7.  $13 + 5 + 7 = 25$  roses      8.  $5 + 9 + 10 = 24$  pictures      9.  $6 + 5 + 5 = 16$  pictures

10.  $11 + 3 + 8 = 22$  pieces of fruit      11.  $10 + 15 + 5 = 30$  pieces of paper      12.  $9 + 9 + 9 = 27$  birds

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