Year 2 Worksheet 20: Creating and Solving Simple Equations

Activity 1: Create the Equation

For each word problem below, write a simple equation to represent the situation. Use a blank (__) for the unknown.

1. Sarah has 3 apples and buys __ more. How many apples does she have now?

   Equation: 3 + __ = ___

2. There are 5 birds on a tree. If 2 fly away, how many are left?

   Equation: 5 - __ = ___

3. Tom has 7 marbles and loses __. How many does he have now?

   Equation: 7 - __ = ___

4. Lily sees 4 butterflies in the garden and then sees __ more.

   Equation: 4 + __ = ___

5. A box has 6 chocolates, and __ are eaten. How many are left?

   Equation: 6 - __ = ___

6. In a basket, there are __ oranges, and I add 3 more.

   Equation: __ + 3 = ___

7. There are 10 balloons, and __ pop. How many are left?

   Equation: 10 - __ = ___

8. James has __ toy cars, and he buys 5 more.

   Equation: __ + 5 = ___

9. Emma has 8 stickers and gives __ to her friend.

   Equation: 8 - __ = ___

10. There are 12 cookies, and I eat __ of them.

   Equation: 12 - __ = ___

Activity 2: Solve the Equation

Solve each equation below by filling in the blank with the correct number.

1. 3 + __ = 7

   Answer: ___

2. 5 - __ = 2

   Answer: ___

3. 7 - __ = 4

   Answer: ___

4. 4 + __ = 10

   Answer: ___

5. 6 - __ = 3

   Answer: ___

6. __ + 3 = 8

   Answer: ___

7. 10 - __ = 5

   Answer: ___

8. __ + 5 = 12

    Answer: ___

9. 8 - __ = 3

    Answer: ___

10. 12 - __ = 9

    Answer: ___

Answer Key

Activity 1

1. 3 + __ = ___
2. 5 - __ = ___
3. 7 - __ = ___
4. 4 + __ = ___
5. 6 - __ = ___
6. __ + 3 = ___
7. 10 - __ = ___
8. __ + 5 = ___
9. 8 - __ = ___
10. 12 - __ = ___

Activity 2

1. 4
2. 3
3. 3
4. 6
5. 3
6. 5
7. 5
8. 7
9. 5
10. 3

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