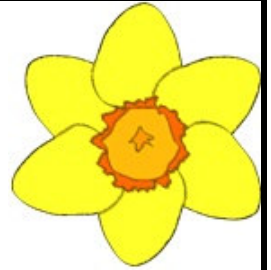**Name:** _____

Date: _____

Basic Algebra

Calculate the value of the variable in each equation. First one has been done for you.

1    $a + 6 = 8$ $a = \underline{2}$

2    $20 - b = 10$ $b = \underline{\hphantom{xxxx}}$

3    $10 + 15 = c$ $c = \underline{\hphantom{xxxx}}$

4    $30 \div 6 = d$ $d = \underline{\hphantom{xxxx}}$

5    $8z = 80$ $z = \underline{\hphantom{xxxx}}$

6    $y + 12 = 20$ $y = \underline{\hphantom{xxxx}}$

7    $22 + 11 = x$ $x = \underline{\hphantom{xxxx}}$

8    $3a = 27$ $a = \underline{\hphantom{xxxx}}$

9    $16 \div b = 4$ $b = \underline{\hphantom{xxxx}}$

10   $18 - c = 11$ $c = \underline{\hphantom{xxxx}}$

Basic Algebra - ANSWER KEY

Calculate the value of the variable in each equation. First one has been done for you.

1     $a + 6 = 8$ $a = \underline{2}$

2     $20 - b = 10$ $b = \underline{10}$

3     $10 + 15 = c$ $c = \underline{25}$

4     $30 \div 6 = d$ $d = \underline{5}$

5     $8z = 80$ $z = \underline{10}$

6     $y + 12 = 20$ $y = \underline{8}$

7     $22 + 11 = x$ $x = \underline{33}$

8     $3a = 27$ $a = \underline{9}$

9     $16 \div b = 4$ $b = \underline{4}$

10    $18 - c = 11$ $c = \underline{7}$