

## SOLVING ALGEBRAIC EQUATIONS

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Due Date: \_\_\_\_\_

Family Member Signature: \_\_\_\_\_

### Objective:

To continue to practice translating mathematical equations into English in order to solve them.

### Necessary Information:

We rely on logic and our ability to read equations to solve them in a practical manner.

### Practice Section:

1. Solve.

a)  $a + 8 = 13$

f)  $49 = f^2$

b)  $1500 = 3b$

g)  $1.4 = g - 0.7$

c)  $-2 = c + 9$

h)  $12 = 5h - 3$

d)  $\frac{d}{2} = 14$

i)  $15 = 13 - i$

e)  $e + 12 = 7$

j)  $6j = -42$

k)  $13 = 2k + 5$

















m)  $2.3 = 1.7 + m$

l)  $10 = \frac{d}{2} - 7$

n)  $17.5 = 3\frac{1}{4} + n$

**In Your Real World:**

With a family member, determine the value of each shape. HINT: you need to work in order.

Find the value of each shape.	
 = 10	 = 2
 = 12	 =
 = 20	 =
 = 16	 =
 = 15	 =
 = 18	 =
 = 12	 =
 = 26	 =