



Assumption College Ubonratchathani  
English for Math 1

Name:..... Class:..... No. ....

**Solving Equations using Equality Property of Multiplication**

Example: Solve  $\frac{x}{8} = 3$

Solution:

Multiply both sides by 8:

$$\frac{x}{8} \times 8 = 3 \times 8$$

$$x = 24 \leftarrow \text{answer}$$



**Solve using Equality Property of Multiplication**

1.  $\frac{x}{4} = 12$

a. 48

b. 58

c. 3

d. 38

2.  $\frac{x}{3} = -9$

a. 27

b. -18

c. -3

d. -27

3.  $\frac{x}{-5} = 15$

a. 3

b. -75

c. -3

d. -85

4.  $\frac{x}{-6} = -18$

a. -108

b. 118

c. 108

d. 3

5.  $\frac{3x}{4} = 9$

a. 18

b. 24

c. 33

d. 12

## Solving Equations using Equality Property of Division

Example: Solve  $2x = 6$

Solution:

Divide both sides by 2:

$$\frac{2x}{2} = \frac{6}{2} = 3$$

$$x = 3 \leftarrow \text{answer}$$

6.  $3x = 12$

a. 15

b. -4

c. 4

d. 36

7.  $5x = -35$

a. -40

b. -7

c. 7

d. -30

8.  $-8x = 24$

a. 32

b. 3

c. -32

d. -3

9.  $-4x = -36$

a. 9

b. 32

c. -40

d. -9

10.  $\frac{2x}{3} = 8$

a. 16

b. 24

c. 12

d. 20



*"Success seems to be connected with action. Successful people keep moving. They make mistakes, but they don't quit."*

-- Conrad Hilton



(“ความสำเร็จดูเหมือนจะเชื่อมโยงกับการกระทำ คนที่ประสบความสำเร็จยังคงเดินหน้าต่อไปทำผิดแต่ไม่เลิก”)