

### Math 1 Reflection Sheet

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Week #: \_\_\_\_\_

Assignments	Grade	Comments

Date	Class work	Homework (must write in planner as well)
Monday		
Tuesday		
Wednesday		
Thursday		
Friday		


**\*\*\*Students must complete their homework daily, 100%; the consequence = silent lunch daily\*\*\***

Parent Signature: \_\_\_\_\_

Essential Questions	Answers
1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	
9.	
10.	

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Week: \_\_\_\_\_

"Warm-up's Q1W5"

<p><b>Monday Warm-up</b> Solve. <math>(-21) - (-8) =</math> <math>(-8) - (-2) =</math> <math>(-21) - (-38) =</math> <math>(-12) - (-4) =</math> <math>(-1) - (-12) =</math> <math>(-7) - (-14) =</math> <math>(-19) - (-5) =</math> <math>(-7) - (-2) =</math></p>	<p>Show all your work</p>
<p><b>Tuesday Warm-up</b> <b>(8.EE.1)</b> Jack plans to build flower bed. Find the area of the Square garden.</p>  <p><math>4x^3y^4</math></p>	<p>Show all work here</p>
<p><b>Wednesday Warm-up</b> <b>(8.EE.1)</b> What is the value of the following expression?</p> $\frac{(4^3)^2}{(4^2)(4^8)}$	<p>Show all work here</p>
<p><b>Thursday Warm-up</b> Solve. <math>-2\frac{3}{4} + -3\frac{3}{8}</math></p>	

## UNIT 1 *Patterns of Change*

### TAKE-HOME ASSESSMENTS

1. With the cost of college increasing every day, it is important that parents make plans about how they can help pay for their child's college education. The descriptions below indicate savings plans used by two different families.

#### **The Ortegas**

Mr. and Mrs. Ortega put \$1,000 into a savings account every year on their daughter's birthday through her fifth birthday. They did not put any money into the savings account after that. The account earned 5% interest per year, which was paid on the last day of each year.

#### **The Thompsons**

Mr. and Mrs. Thompson could not afford to save when their son was young. They began putting \$1,500 into a savings account on their son's thirteenth birthday. They continued this through his eighteenth birthday. The account earned 5% interest per year, which was paid on the last day of each year.

Use a spreadsheet or calculator to help you determine which family had more money saved for college at the end of the year that their child turned 18. Which family made the better investment? Clearly show or explain your work.

## Multi-Step Equations

**Solve each equation.**

1)  $6a + 5a = -11$

2)  $-6n - 2n = 16$

3)  $4x + 6 + 3 = 17$

4)  $0 = -5n - 2n$

5)  $6r - 1 + 6r = 11$

6)  $r + 11 + 8r = 29$

7)  $-10 = -14v + 14v$

8)  $-10p + 9p = 12$

9)  $42 = 8m + 13m$

10)  $a - 2 + 3 = -2$

11)  $18 = 3(3x - 6)$

12)  $30 = -5(6n + 6)$

$$13) 37 = -3 + 5(x + 6)$$

$$14) -13 = 5(1 + 4m) - 2m$$

$$15) 4(-x + 4) = 12$$

$$16) -2 = -(n - 8)$$

$$17) -6(1 - 5v) = 54$$

$$18) 8 = 8v - 4(v + 8)$$

$$19) 10(1 + 3b) = -20$$

$$20) -5n - 8(1 + 7n) = -8$$

$$21) 8(4k - 4) = -5k - 32$$

$$22) -8(-8x - 6) = -6x - 22$$

$$23) 8(1 + 5x) + 5 = 13 + 5x$$

$$24) -11 - 5a = 6(5a + 4)$$