Name:	Date:

Incoming 5th Grade Summer Break Packet
June 17- August 19, 2019

Expectations

___ *Please complete **1 assignment per week**.*
___ *Use the **examples** to help you.*
___ *Show your work and use pencil **ONLY**!*

Suggested Date	Assignment	Rubric		
Week 1 **June 17-21**	Multiply and Divide by 10, 3, 4 (pg. 1-3) *Suggested Khan Lesson: Multiplying whole numbers by 10*	1	0.5	0
Week 2 **June 24-28**	Round to the Nearest 10,000 (pg. 4) *Suggested Khan Lesson: Rounding whole numbers to nearest thousand*	1	0.5	0
Week 3 **June 1-5**	Place Value Chart (pg. 5-6) *Suggested Khan Lesson: Finding place value*	1	0.5	0
Week 4 **July 8-12**	Conversions (pg. 7) *Suggested Khan Lesson: Convert to smaller units (mm, cm, m, & km)*	1	0.5	0
Week 5 **July 15-19**	Numbers in Standard Form (pg. 8) *Suggested Khan Lesson: Writing a number in standard form*	1	0.5	0
Week 6 **July 22-26**	Decomposing a Fraction (pg. 9) *Suggested Khan Lesson: Decomposing a fraction visually*	1	0.5	0
Week 7 **July 29- August 2**	Equivalent Decimals (pg. 10) *Suggested Khan Lesson: Equivalent fractions with fraction models (denominators 10 & 100)*	1	0.5	0
Week 8 & 9 **August 5-16**	Take this time to complete any work in this packet that is not yet complete	**Total Habits Score: _____/7**		
	Summer Jam for **NEW** to Alpha students begins on: **August 12, 2019** Summer Jam for **RETURNING** students begins on: **August 14, 2019** **Regular School Begins on: August 19, 2019**			

My child _____ has completed his/her math summer break packet.

Parent Signature: _____

Multiply and Divide by 10, 3, and 4

Example: 5 x 10 = 50, 150 ÷ 10 = 50

1.	2 × 10 =	
2.	3 × 10 =	
3.	4 × 10 =	
4.	5 × 10 =	
5.	1 × 10 =	
6.	20 ÷ 10 =	
7.	30 ÷ 10 =	
8.	50 ÷ 10 =	
9.	10 ÷ 10 =	
10.	40 ÷ 10 =	
11.	6 × 10 =	
12.	7 × 10 =	
13.	8 × 10 =	
14.	9 × 10 =	
15.	10 × 10 =	
16.	80 ÷ 10 =	
17.	70 ÷ 10 =	
18.	90 ÷ 10 =	
19.	60 ÷ 10 =	
20.	100 ÷ 10 =	
21.	__ × 10 = 50	
22.	__ × 10 = 10	

23.	__ × 10 = 100	
24.	__ × 10 = 20	
25.	__ × 10 = 30	
26.	100 ÷ 10 =	
27.	50 ÷ 10 =	
28.	10 ÷ 10 =	
29.	20 ÷ 10 =	
30.	30 ÷ 10 =	
31.	__ × 10 = 60	
32.	__ × 10 = 70	
33.	__ × 10 = 90	
34.	__ × 10 = 80	
35.	70 ÷ 10 =	
36.	90 ÷ 10 =	
37.	60 ÷ 10 =	
38.	80 ÷ 10 =	
39.	11 × 10 =	
40.	110 ÷ 10 =	
41.	30 ÷ 10 =	
42.	120 ÷ 10 =	
43.	14 × 10 =	
44.	140 ÷ 10 =	

Multiply and Divide by 10, 3, and 4

Example: 6 x 3 = 18

1.	1 × 3 =	
2.	3 × 1 =	
3.	2 × 3 =	
4.	3 × 2 =	
5.	3 × 3 =	
6.	4 × 3 =	
7.	3 × 4 =	
8.	5 × 3 =	
9.	3 × 5 =	
10.	6 × 3 =	
11.	3 × 6 =	
12.	7 × 3 =	
13.	3 × 7 =	
14.	8 × 3 =	
15.	3 × 8 =	
16.	9 × 3 =	
17.	3 × 9 =	
18.	10 × 3 =	
19.	3 × 10 =	
20.	3 × 3 =	
21.	1 × 3 =	
22.	2 × 3 =	

23.	10 × 3 =	
24.	9 × 3 =	
25.	4 × 3 =	
26.	8 × 3 =	
27.	5 × 3 =	
28.	7 × 3 =	
29.	6 × 3 =	
30.	3 × 10 =	
31.	3 × 5 =	
32.	3 × 6 =	
33.	3 × 1 =	
34.	3 × 9 =	
35.	3 × 4 =	
36.	3 × 3 =	
37.	3 × 2 =	
38.	3 × 7 =	
39.	3 × 8 =	
40.	11 × 3 =	
41.	3 × 11 =	
42.	12 × 3 =	
43.	3 × 13 =	
44.	13 × 3 =	

Multiply and Divide by 10, 3, and 4

Example: 4 x 5 = 20

1.	1 × 4 =	
2.	4 × 1 =	
3.	2 × 4 =	
4.	4 × 2 =	
5.	3 × 4 =	
6.	4 × 3 =	
7.	4 × 4 =	
8.	5 × 4 =	
9.	4 × 5 =	
10.	6 × 4 =	
11.	4 × 6 =	
12.	7 × 4 =	
13.	4 × 7 =	
14.	8 × 4 =	
15.	4 × 8 =	
16.	9 × 4 =	
17.	4 × 9 =	
18.	10 × 4 =	
19.	4 × 10 =	
20.	4 × 3 =	
21.	1 × 4 =	
22.	2 × 4 =	

23.	10 × 4 =	
24.	9 × 4 =	
25.	4 × 4 =	
26.	8 × 4 =	
27.	4 × 3 =	
28.	7 × 4 =	
29.	6 × 4 =	
30.	4 × 10 =	
31.	4 × 5 =	
32.	4 × 6 =	
33.	4 × 1 =	
34.	4 × 9 =	
35.	4 × 4 =	
36.	4 × 3 =	
37.	4 × 2 =	
38.	4 × 7 =	
39.	4 × 8 =	
40.	11 × 4 =	
41.	4 × 11 =	
42.	12 × 4 =	
43.	4 × 12 =	
44.	13 × 4 =	

Round to the Nearest 10,000

Example:

- *<u>5</u> is in the place value of 10,000*
-

1.	21,000 ≈	
2.	31,000 ≈	
3.	41,000 ≈	
4.	541,000 ≈	
5.	49,000 ≈	
6.	59,000 ≈	
7.	69,000 ≈	
8.	369,000 ≈	
9.	62,000 ≈	
10.	712,000 ≈	
11.	28,000 ≈	
12.	37,000 ≈	
13.	137,000 ≈	
14.	44,000 ≈	
15.	56,000 ≈	
16.	456,000 ≈	
17.	15,000 ≈	
18.	25,000 ≈	
19.	35,000 ≈	
20.	235,000 ≈	
21.	75,000 ≈	
22.	175,000 ≈	

23.	185,000 ≈	
24.	85,000 ≈	
25.	95,000 ≈	
26.	97,000 ≈	
27.	98,000 ≈	
28.	198,000 ≈	
29.	798,000 ≈	
30.	31,200 ≈	
31.	49,300 ≈	
32.	649,300 ≈	
33.	64,520 ≈	
34.	164,520 ≈	
35.	17,742 ≈	
36.	917,742 ≈	
37.	38,396 ≈	
38.	64,501 ≈	
39.	703,280 ≈	
40.	239,500 ≈	
41.	708,170 ≈	
42.	188,631 ≈	
43.	777,499 ≈	
44.	444,919 ≈	

Place Value Chart

Example: What place value does the six have in the number 365?

_____

1. What place value does the two have in the number 2,315?

_____

2. What place value does the eight have in the number 981?

_____

3. What digit is in the ones place in the number 146?

_____

4. What digit is in the hundreds place in the number 4,093?

_____

Place Value Chart

Example:

1) 114,974

The 4 in the thousands place is _____ the value of the 4 in the ones place.

2) 5,885

The 5 in the thousands place is _____ the value of the 5 in the ones place.

3) 631,183

The 1 in the thousands place is _____ the value of the 1 in the hundreds place.

4) 858

The 8 in the hundreds place is _____ the value of the 8 in the ones place.

5) 884,446

The 8 in the hundred thousands place is _____ the value of the 8 in the ten thousands place.

6) 474

The 4 in the ones place is _____ the value of the 4 in the hundreds place.

7) 66,348

The 6 in the ten thousands place is _____ the value of the 6 in the thousands place.

8) 188

The 8 in the tens place is _____ the value of the 8 in the ones place.

Conversions

Example:

1.	1 m =	cm
2.	2 m =	cm
3.	3 m =	cm
4.	7 m =	cm
5.	5 m =	cm
6.	9 m =	cm
7.	4 m =	cm
8	8 m =	cm
9.	6 m =	cm

10.	2 m =	cm
11.	3 m =	cm
12.	4 m =	cm
13.	9 m =	cm
14.	1 m =	cm
15.	7 m =	cm
16.	5 m =	cm
17.	8 m =	cm
18.	6 m =	cm

Numbers in Standard Form

Example:

9 thousands 3 hundreds 4 ones _____

6 ten thousands 2 thousands 7 hundreds 8 tens 9 ones _____

1 hundred thousand 8 thousands 9 hundreds 5 tens 3 ones _____

_____ 700,000 + 10,000 + 8,000 + 100 + 10 + 3

_____ 100,000 + 30,000 + 7,000 + 300 + 10 + 9

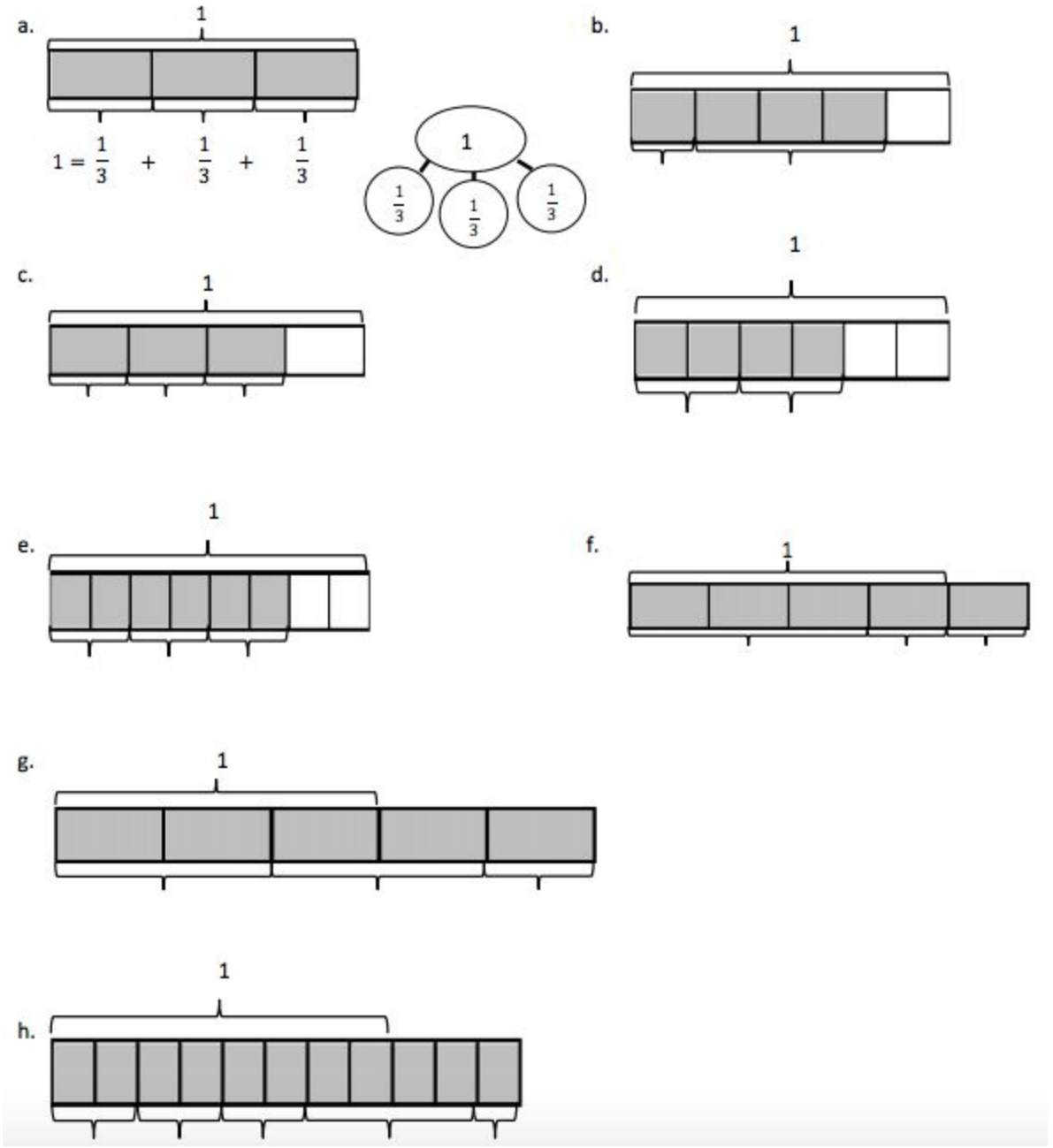
_____ 900,000 + 10,000 + 6,000 + 400 + 30 + 7

_____ 500,000 + 10,000 + 5,000 + 800 + 40 + 5

_____ 700,000 + 70,000 + 1,000 + 800 + 90 + 2

Decomposing Fractions Less Than a Whole

Example:



Equivalent Decimals

Example:

Write the following as equivalent decimals. Then, model and rename the number as shown below.

a. 2 ones and 6 tenths = _____

$2\frac{6}{10} = 2 + \frac{6}{10} = 2 + 0.6 = 2.6$

b. 4 ones and 2 tenths = _____

c. $3\frac{4}{10}$ = _____

d. $2\frac{5}{10}$ = _____

How much more is needed to get to 5? _____