A Story of Units®

Eureka Math™

Grade 4, Module 1

Student File_B

Contains Sprint and Fluency, Exit Ticket, and Assessment Materials

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10 9 8 7 6 5 4 3 2 1

Sprint and Fluency Packet

Number Correct: _____

A

Multiply and Divide by 10

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 =	

Number Correct: _____

Improvement: _____

B

Multiply and Divide by 10

1.	1 × 10 =	
2.	2 × 10 =	
3.	3 × 10 =	
4.	4 × 10 =	
5.	5 × 10 =	
6.	30 ÷ 10 =	
7.	20 ÷ 10 =	
8.	40 ÷ 10 =	
9.	10 ÷ 10 =	
10.	50 ÷ 10 =	
11.	10 × 10 =	
12.	6 × 10 =	
13.	7 × 10 =	
14.	8 × 10 =	
15.	9 × 10 =	
16.	70 ÷ 10 =	
17.	60 ÷ 10 =	
18.	80 ÷ 10 =	
19.	100 ÷ 10 =	
20.	90 ÷ 10 =	
21.	__ × 10 = 10	
22.	__ × 10 = 50	
23.	__ × 10 = 20	
24.	__ × 10 = 100	
25.	__ × 10 = 30	
26.	20 ÷ 10 =	
27.	10 ÷ 10 =	
28.	100 ÷ 10 =	
29.	50 ÷ 10 =	
30.	30 ÷ 10 =	
31.	__ × 10 = 30	
32.	__ × 10 = 40	
33.	__ × 10 = 90	
34.	__ × 10 = 70	
35.	80 ÷ 10 =	
36.	90 ÷ 10 =	
37.	60 ÷ 10 =	
38.	70 ÷ 10 =	
39.	11 × 10 =	
40.	110 ÷ 10 =	
41.	12 × 10 =	
42.	120 ÷ 10 =	
43.	13 × 10 =	
44.	130 ÷ 10 =	

Number Correct: _____

A

Multiply by 3

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 =	

B

Number Correct: _____

Improvement: _____

Multiply by 3

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

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

Number Correct: _____

A

Multiply by 4

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 =	

B

Number Correct: _____

Improvement: _____

Multiply by 4

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

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

Number Correct: _____

A

Find the Midpoint

1.	0	10	
2.	0	100	
3.	0	1000	
4.	10	20	
5.	100	200	
6.	1000	2000	
7.	30	40	
8.	300	400	
9.	400	500	
10.	20	30	
11.	30	40	
12.	40	50	
13.	50	60	
14.	500	600	
15.	5000	6000	
16.	200	300	
17.	300	400	
18.	700	800	
19.	5700	5800	
20.	70	80	
21.	670	680	
22.	6700	6800	

23.	6000	7000	
24.	600	700	
25.	60	70	
26.	260	270	
27.	9260	9270	
28.	80	90	
29.	90	100	
30.	990	1000	
31.	9990	10,000	
32.	440	450	
33.	8300	8400	
34.	680	690	
35.	9400	9500	
36.	3900	4000	
37.	2450	2460	
38.	7080	7090	
39.	3200	3210	
40.	8630	8640	
41.	8190	8200	
42.	2510	2520	
43.	4890	4900	
44.	6660	6670	

B

Number Correct: _____

Improvement: _____

Find the Midpoint

1.	10	20	
2.	100	200	
3.	1000	2000	
4.	20	30	
5.	200	300	
6.	2000	3000	
7.	40	50	
8.	400	500	
9.	500	600	
10.	30	40	
11.	40	50	
12.	50	60	
13.	60	70	
14.	600	700	
15.	6000	7000	
16.	300	400	
17.	400	500	
18.	800	900	
19.	5800	5900	
20.	80	90	
21.	680	690	
22.	6800	6900	

23.	7000	8000	
24.	700	800	
25.	70	80	
26.	270	280	
27.	9270	9280	
28.	80	90	
29.	90	100	
30.	990	1000	
31.	9990	10,000	
32.	450	460	
33.	8400	8500	
34.	580	590	
35.	9500	9600	
36.	2900	3000	
37.	3450	3460	
38.	6080	6090	
39.	4200	4210	
40.	7630	7640	
41.	7190	7200	
42.	3510	3520	
43.	5890	5900	
44.	7770	7780	

Number Correct: _____

A

Round to the Nearest 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 ≈	

B

Number Correct: _____

Improvement: _____

Round to the Nearest 10,000

1.	11,000 ≈	
2.	21,000 ≈	
3.	31,000 ≈	
4.	531,000 ≈	
5.	39,000 ≈	
6.	49,000 ≈	
7.	59,000 ≈	
8.	359,000 ≈	
9.	52,000 ≈	
10.	612,000 ≈	
11.	18,000 ≈	
12.	27,000 ≈	
13.	127,000 ≈	
14.	34,000 ≈	
15.	46,000 ≈	
16.	346,000 ≈	
17.	25,000 ≈	
18.	35,000 ≈	
19.	45,000 ≈	
20.	245,000 ≈	
21.	65,000 ≈	
22.	165,000 ≈	
23.	185,000 ≈	
24.	85,000 ≈	
25.	95,000 ≈	
26.	96,000 ≈	
27.	99,000 ≈	
28.	199,000 ≈	
29.	799,000 ≈	
30.	21,200 ≈	
31.	39,300 ≈	
32.	639,300 ≈	
33.	54,520 ≈	
34.	154,520 ≈	
35.	27,742 ≈	
36.	927,742 ≈	
37.	28,396 ≈	
38.	54,501 ≈	
39.	603,280 ≈	
40.	139,500 ≈	
41.	608,170 ≈	
42.	177,631 ≈	
43.	888,499 ≈	
44.	444,909 ≈	

Number Correct: _____

A

Convert Meters and Centimeters to Centimeters

1.	2 m =	cm
2.	3 m =	cm
3.	4 m =	cm
4.	9 m =	cm
5.	1 m =	cm
6.	7 m =	cm
7.	5 m =	cm
8.	8 m =	cm
9.	6 m =	cm
10.	1 m 20 cm =	cm
11.	1 m 30 cm =	cm
12.	1 m 40 cm =	cm
13.	1 m 90 cm =	cm
14.	1 m 95 cm =	cm
15.	1 m 85 cm =	cm
16.	1 m 84 cm =	cm
17.	1 m 73 cm =	cm
18.	1 m 62 cm =	cm
19.	2 m 62 cm =	cm
20.	7 m 62 cm =	cm
21.	5 m 27 cm =	cm
22.	3 m 87 cm =	cm

23.	1 m 2 cm =	cm
24.	1 m 3 cm =	cm
25.	1 m 4 cm =	cm
26.	1 m 7 cm =	cm
27.	2 m 7 cm =	cm
28.	3 m 7 cm =	cm
29.	8 m 7 cm =	cm
30.	8 m 4 cm =	cm
31.	4 m 9 cm =	cm
32.	6 m 8 cm =	cm
33.	9 m 3 cm =	cm
34.	2 m 60 cm =	cm
35.	3 m 75 cm =	cm
36.	6 m 33 cm =	cm
37.	8 m 9 cm =	cm
38.	4 m 70 cm =	cm
39.	7 m 35 cm =	cm
40.	4 m 17 cm =	cm
41.	6 m 4 cm =	cm
42.	10 m 4 cm =	cm
43.	10 m 40 cm =	cm
44.	11 m 84 cm =	cm

B

Number Correct: _____

Improvement: _____

Convert Meters and Centimeters to Centimeters

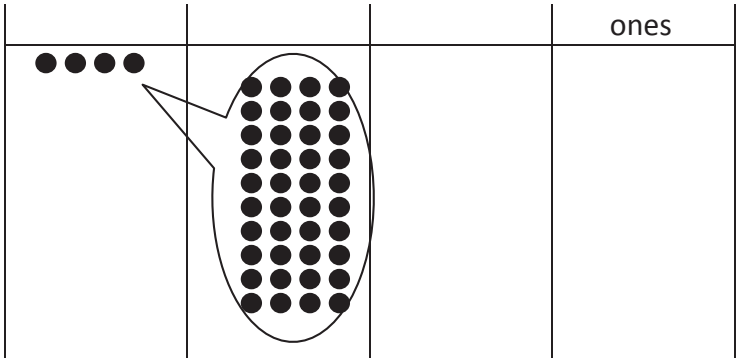
1.	1 m =	cm
2.	2 m =	cm
3.	3 m =	cm
4.	7 m =	cm
5.	5 m =	cm
6.	9 m =	cm
7.	4 m =	cm
8.	8 m =	cm
9.	6 m =	cm
10.	1 m 10 cm =	cm
11.	1 m 20 cm =	cm
12.	1 m 30 cm =	cm
13.	1 m 70 cm =	cm
14.	1 m 75 cm =	cm
15.	1 m 65 cm =	cm
16.	1 m 64 cm =	cm
17.	1 m 53 cm =	cm
18.	1 m 42 cm =	cm
19.	2 m 42 cm =	cm
20.	8 m 42 cm =	cm
21.	5 m 29 cm =	cm
22.	3 m 89 cm =	cm

23.	1 m 1 cm =	cm
24.	1 m 2 cm =	cm
25.	1 m 3 cm =	cm
26.	1 m 9 cm =	cm
27.	2 m 9 cm =	cm
28.	3 m 9 cm =	cm
29.	7 m 9 cm =	cm
30.	7 m 4 cm =	cm
31.	4 m 8 cm =	cm
32.	6 m 3 cm =	cm
33.	9 m 5 cm =	cm
34.	2 m 50 cm =	cm
35.	3 m 85 cm =	cm
36.	6 m 31 cm =	cm
37.	6 m 7 cm =	cm
38.	4 m 60 cm =	cm
39.	7 m 25 cm =	cm
40.	4 m 13 cm =	cm
41.	6 m 2 cm =	cm
42.	10 m 3 cm =	cm
43.	10 m 30 cm =	cm
44.	11 m 48 cm =	cm

Exit Ticket Packet

Name _____ Date _____

Use the disks in the place value chart below to complete the following problems:



1. Label the place value chart.

2. Tell about the movement of the disks in the place value chart by filling in the blanks to make the following equation match the drawing in the place value chart:

_____ × 10 = _____ = _____

3. Write a statement about this place value chart using the words *10 times as many*.

Name _____ Date _____

1. Fill in the blank to make a true number sentence. Use standard form.

   a. (4 ten thousands 6 hundreds) × 10 = _____

   b. (8 thousands 2 tens) ÷ 10 = _____

2. The Carson family saved up $39,580 for a new home. The cost of their dream home is 10 times as much as they have saved. How much does their dream home cost?

Name _____ Date _____

1. In the spaces provided, write the following units in standard form. Be sure to place commas where appropriate.

   a. 9 thousands 3 hundreds 4 ones _____

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

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

2. Use digits or disks on the place value chart to write 26 thousands 13 hundreds.

millions	hundred thousands	ten thousands	thousands	hundreds	tens	ones

How many thousands are in the number you have written? _____

Name _____ Date _____

1. Use the place value chart below to complete the following:

a. Label the units on the chart.

b. Write the number 800,000 + 6,000 + 300 + 2 in the place value chart.

c. Write the number in word form.

2. Write one hundred sixty thousand, five hundred eighty-two in expanded form.

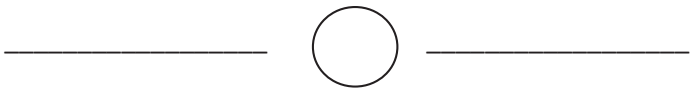
Name _____ Date _____

1. Four friends played a game. The player with the most points wins. Use the information in the table below to order the number of points each player earned from least to greatest. Then, name the person who won the game.

Player Name	Points Earned
Amy	2,398 points
Bonnie	2,976 points
Jeff	2,709 points
Rick	2,699 points

2. Use each of the digits 5, 4, 3, 2, 1 exactly once to create two different five-digit numbers.

   a. Write each number on the line, and compare the two numbers by using the symbols < or >. Write the correct symbol in the circle.



   b. Use words to write a comparison statement for the problem above.

Name _____ Date _____

1. Fill in the empty boxes to complete the pattern.

468,235			471,235	472,235	

Explain in pictures, numbers, or words how you found your answers.

2. Fill in the blank for each equation.

a. 1,000 + 56,879 = _____

b. 324,560 – 100,000 = _____

c. 456,080 – 10,000 = _____

d. 10,000 + 786,233 = _____

3. The population of Rochester, NY, in the 2000 Census was 219,782. The 2010 Census found that the population decreased by about 10,000. About how many people lived in Rochester in 2010? Explain in pictures, numbers, or words how you found your answer.

Name _____ Date _____

1. Round to the nearest thousand. Use the number line to model your thinking.

a. 7,621 ≈ _____ b. 12,502 ≈ _____ c. 324,087 ≈ _____

2. It takes 39,090 gallons of water to manufacture a new car. Sammy thinks that rounds up to about 40,000 gallons. Susie thinks it is about 39,000 gallons. Who rounded to the nearest thousand, Sammy or Susie? Use pictures, numbers, or words to explain.

Name _____ Date _____

1. Round to the nearest ten thousand. Use the number line to model your thinking.

a. 35,124 ≈ _____

b. 981,657 ≈ _____

2. Round to the nearest hundred thousand. Use the number line to model your thinking.

a. 89,678 ≈ _____

b. 999,765 ≈ _____

3. Estimate the sum by rounding each number to the nearest hundred thousand.

257,098 + 548,765 ≈ _____

Name _____ Date _____

1. Round 765,903 to the given place value:

   Thousand _____

   Ten thousand _____

   Hundred thousand _____

2. There are 16,850 Star coffee shops around the world. Round the number of shops to the nearest thousand and ten thousand. Which answer is more accurate? Explain your thinking using pictures, numbers, or words.

Name _____ Date _____

1. There are 598,500 Apple employees in the United States.
   a. Round the number of employees to the given place value.

      thousand: _____

      ten thousand: _____

      hundred thousand: _____

   b. Explain why two of your answers are the same.

2. A company developed a student survey so that students could share their thoughts about school. In 2011, 78,234 students across the United States were administered the survey. In 2012, the company planned to administer the survey to 10 times as many students as were surveyed in 2011. About how many surveys should the company have printed in 2012? Explain how you found your answer.

Name _____ Date _____

1. Solve the addition problems below using the standard algorithm.

   a. 23,607 + 2,307

   b. 3,948 + 278

   c. 5,983 + 2,097

2. The office supply closet had 25,473 large paper clips, 13,648 medium paper clips, and 15,306 small paper clips. How many paper clips were in the closet?

Name _____ Date _____

Model the problem with a tape diagram. Solve and write your answer as a statement.

In January, Scott earned $8,999. In February, he earned $2,387 more than in January. In March, Scott earned the same amount as in February. How much did Scott earn altogether during those three months? Is your answer reasonable? Explain.

Name _____ Date _____

1. Use the standard algorithm to solve the following subtraction problems.

a. 8, 5 1 2
− 2, 5 0 1

b. 1 8, 0 4 2
− 4, 1 2 2

c. 8, 0 7 2
− 1, 5 6 1

Draw a tape diagram to represent the following problem. Use numbers to solve. Write your answer as a statement. Check your answer.

2. What number must be added to 1,575 to result in a sum of 8,625?

Name _____ Date _____

Use the standard algorithm to solve the following subtraction problems.

1.
$$\begin{array}{r} 19,350 \\ -\ 5,761 \\ \hline \end{array}$$

2. 32,010 – 2,546

Draw a tape diagram to represent the following problem. Use numbers to solve, and write your answer as a statement. Check your answer.

3. A doughnut shop sold 1,232 doughnuts in one day. If they sold 876 doughnuts in the morning, how many doughnuts were sold during the rest of the day?

Name _____ Date _____

Draw a tape diagram to model each problem and solve.

1. 956,204 – 780,169 =_____

2. A construction company was building a stone wall on Main Street. 100,000 stones were delivered to the site. On Monday, they used 15,631 stones. How many stones remain for the rest of the week? Write your answer as a statement.

Name _____ Date _____

Quarterback Brett Favre passed for 71,838 yards between the years 1991 and 2011. His all-time high was 4,413 passing yards in one year. In his second highest year, he threw 4,212 passing yards.

1. About how many passing yards did he throw in the remaining years? Estimate by rounding each value to the nearest thousand and then compute.

2. Exactly how many passing yards did he throw in the remaining years?

3. Assess the reasonableness of your answer in (b). Use your estimate from (a) to explain.

Name _____ Date _____

Draw a tape diagram to represent each problem. Use numbers to solve, and write your answer as a statement.

A mixture of 2 chemicals measures 1,034 milliliters. It contains some of Chemical A and 755 milliliters of Chemical B. How much less of Chemical A than Chemical B is in the mixture?

Name _____ Date _____

Draw a tape diagram to represent the problem. Use numbers to solve, and write your answer as a statement.

Park A covers an area of 4,926 square kilometers. It is 1,845 square kilometers larger than Park B. Park C is 4,006 square kilometers larger than Park A.

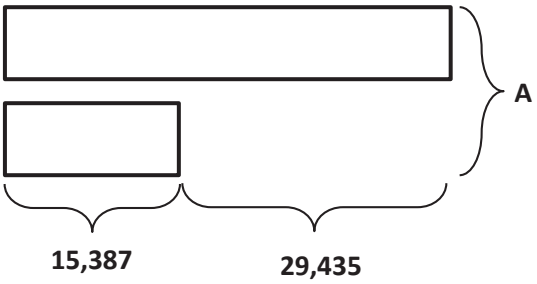
1. What is the area of all three parks?

2. Assess the reasonableness of your answer.

Name _____ Date _____

Using the diagram below, create your own word problem. Solve for the value of the variable.

1.



2. Using the equation below, draw a tape diagram and create your own word problem. Solve for the value of the variable.

$$248{,}798 = 113{,}205 + A + 99{,}937$$

Assessment Packet

Name _____ Date _____

1. a. Arrange the following numbers in order from least to greatest:

504,054 4,450 505,045 44,500

b. Use the words *ten times* to tell how you ordered the two smallest numbers using words, pictures, or numbers.

2. Compare using >, <, or =. Write your answer inside the circle.

a. 1 hundred thousand ◯ 10,000

b. 200 thousands 4 hundreds ◯ 204,000

c. 7 hundreds + 4 thousands + 27 ones ◯ 6 thousands + 4 hundreds

d. 1,000,000 ◯ 10 hundred thousands

3. The football stadium at Louisiana State University (LSU) has a seating capacity of 92,542.
   a. According to the 2010 census, the population of San Jose, CA, was approximately ten times the amount of people that LSU's stadium can seat. What was the population of San Jose in 2010?

   b. Write the seating capacity of the LSU stadium in words and in expanded form.

   c. Draw two separate number lines to round the LSU stadium's seating capacity to the nearest ten thousand and to the nearest thousand.

d. Compare the stadium's seating rounded to the nearest ten thousand and the seating rounded to the nearest thousand using >, <, or =.

e. Which estimate (rounding to the nearest ten thousand or nearest thousand) is more accurate? Use words and numbers to explain.

Name _____ Date _____

1. Compare the values of each 7 in the number 771,548. Use a picture, numbers, or words to explain.

2. Compare using >, <, or =. Write your answer inside the circle.

   a. 234 thousands + 7 ten thousands ◯ 241,000

   b. 4 hundred thousands – 2 thousands ◯ 200,000

   c. 1 million ◯ 4 hundred thousands + 6 hundred thousands

   d. 709 thousands – 1 hundred thousand ◯ 708 thousands

3. Norfolk, VA, has a population of 242,628 people. Baltimore, MD, has 376,865 more people than Norfolk. Charleston, SC, has 496,804 less people than Baltimore.
   a. What is the total population of all three cities? Draw a tape diagram to model the word problem. Then, solve the problem.

   b. Round to the nearest hundred thousand to check the reasonableness of your answer for the population of Charleston, SC.

   c. Record each city's population in numbers, in words, and in expanded form.

d. Compare the population of Norfolk and Charleston using >, <, or =.

e. Eddie lives in Fredericksburg, VA, which has a population of 24,286. He says that Norfolk's population is about 10 times as large as Fredericksburg's population. Explain Eddie's thinking.