

Homework:

Monday – Complete page 1 and 2

Tuesday – Complete page 3

Wednesday – Complete page 4

Name _____ Date _____

Module 1 Spiral Review

Use this to study for your test.

1. Write $>$, $<$, or $=$ in each blank to make each statement true. You must write each number in standard form before solving.

A. 7 tens + 3 tens $<$ 1 thousand

$$\begin{array}{r} 70 \\ + 30 \\ \hline 100 \end{array}$$

$$1,000$$

B. 13 thousands + 9 ten thousands $>$ 22,000

$$\begin{array}{r} 13,000 \\ + 90,000 \\ \hline 103,000 \end{array}$$

C. 515 thousands $<$ 615 thousands – 1 ten thousand

$$515,000$$

$$\begin{array}{r} 615,000 \\ - 10,000 \\ \hline 605,000 \end{array}$$

D. 60,000 $<$ 7 ten thousands – 1 thousand

$$\begin{array}{r} 70,000 \\ - 1,000 \\ \hline 69,000 \end{array}$$

E. 9 hundred thousands + 1 hundred thousands $=$ 1,000,000

$$\begin{array}{r} 900,000 \\ + 100,000 \\ \hline 1,000,000 \end{array}$$

2. Round 54,780 the nearest:

hundred: $\overline{54,800}$ $\overline{54,800}$

thousand: $\overline{55,000}$ $\overline{55,000}$

ten thousand: $\overline{50,000}$ $\overline{50,000}$

3. Mt. Rainier is 14,409 feet above sea level. What is 14,409 rounded to the nearest hundred?

$$\overline{14,400}$$

$$\begin{array}{r} 14,409 \\ 14,400 \end{array}$$

What is 14,409 rounded to the nearest ten thousand?

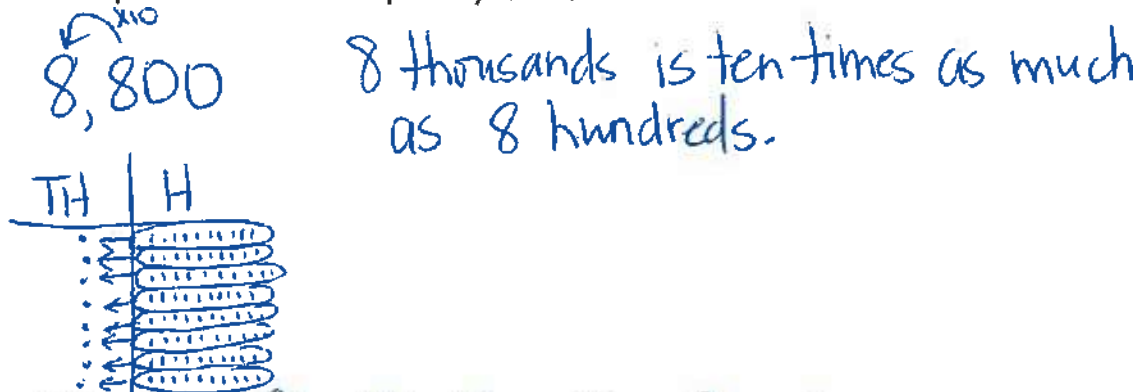
$$\overline{10,000}$$

$$\begin{array}{r} 14,409 \\ 10,000 \end{array}$$

4. Compare the value of the 8 in 628,712 to the value of the 8 in 216,842.

Write a sentence stating how many times greater the 8,000 is than the 800.

Draw a place value chart to prove your work.



5. Compare the values of each 9 in the number 92,694.

Write a sentence stating how many times greater the 90,000 is than the 90.

Draw a place value chart to prove your work.

6. Ali's family bought a house for \$239,807.

What is the value of the: 9 9,000 2 200,000 8 800

7. The Empire State Building is the fourth tallest building in the United States. It measures 1,250 feet high.

A. Write 1,250 in expanded form.

$$1,000 + 200 + 50$$

B. Write 1,250 in word form.

one thousand, two hundred fifty

8. Use the chart to answer the following questions.
Write T for true and F for false.

LWE Candy Sales	
Candy	Amount of Bags Sold
Snickers	1,695
Reese's	1,652
Skittles	1,945
M & Ms	964

- F LWE sold more Reese's than Snickers.
T LWE sold fewer Snickers than Skittles.
T LWE sold less M&Ms than Reese's.

9. What is the difference between 234,205 and 56,654?
(Difference means to subtract)

177,551

$$\begin{array}{r} 1234 \\ 234,205 \\ - 56,654 \\ \hline 177,551 \end{array}$$

ck: $\begin{array}{r} 177,551 \\ + 56,654 \\ \hline 234,205 \end{array}$

10. What is the sum of 7,036 and 12,987?
(Sum means to add)

20,023

$$\begin{array}{r} 12,987 \\ + 7,036 \\ \hline 20,023 \end{array}$$

11. The mother lion weighs 234 pounds. Her baby cub weighs 87 pounds. How much heavier is the mother lion than her cub? Show your scratch work in the space below.

Mother 234
 Baby 87
 ?

$$\begin{array}{r} 1234 \\ 234 \\ - 87 \\ \hline 147 \text{ lbs.} \end{array}$$

ck: $\begin{array}{r} 147 \\ + 87 \\ \hline 234 \end{array}$

12. The LSU Stadium can seat 102,321 fans and the Alabama Stadium can seat 101,821 fans. How many fans can they seat altogether?

LSU 102,321
 Alabama 101,821 } s

$$\begin{array}{r} 102,321 \\ + 101,821 \\ \hline 204,142 \text{ fans} \end{array}$$

13. Mrs. Colley walked a total of 29,336 steps on Saturday and Sunday. Mrs. Burford walked 12,169 more steps than Mrs. Colley. Ms. Fletcher walked 10,245 steps less than Mrs. Burford.

A. What is the total number of steps of all three teachers? Fill in the chart and show your scratch work below.

Colley $\boxed{29,336}$

Burford $\boxed{29,336} \xrightarrow{+41,505} \boxed{12,169}$

Fletcher $\boxed{31,260} \xrightarrow{+10,245}$

$$\begin{array}{r} 29,336 \\ 41,505 \\ + 31,260 \\ \hline 102,101 \end{array}$$

Teacher	Steps
Mrs. Colley	29,336
Mrs. Burford	41,505
Ms. Fletcher	31,260
Total Steps:	102,101

$$\begin{array}{r} 29,336 \\ + 12,169 \\ \hline 41,505 \\ 41,505 \\ - 10,245 \\ \hline 31,260 \end{array}$$

B. Round the steps taken by each teacher to the nearest ten thousand. Then find the sum of the rounded numbers to estimate the total number of steps taken. Write a sentence explaining if your actual answer is reasonable.

Teacher	Estimated Steps
Mrs. Colley	30,000
Mrs. Burford	40,000
Ms. Fletcher	30,000
Total Steps:	100,000

$$\begin{array}{r} 30,000 \\ 40,000 \\ + 30,000 \\ \hline 100,000 \end{array}$$

It is reasonable because the actual answer is very close to the rounded number / estimate.

C. After hiking in the mountains all weekend, Mrs. Farrell's family walked about 293,360 steps over the weekend. Did Mrs. Farrell's family walk about 10 times more steps than Ms. Colley? Explain your thinking. (You could draw a place value chart to help you explain.)

$$293,360 \approx 300,000$$

Yes, Mrs Farrell's family walked about 10 times more than Mrs Colley.⁴

$$30,000 \times 10 = 300,000$$

