

Class: _____

Name: : _____

Super Fun Math Exam review #1

Approximation & Estimation:

Round to the nearest thousand.

a. 1,539 =

h. 8,764 =

o. 3,695 =

b. 8,220 =

i. 3,599 =

p. 1209 =

c. 3,941 =

j. 5,912 =

q. 1,908 =

d. 5,388 =

k. 3160 =

r. 1,329 =

e. 6,273 =

L. 2,046 =

s. 4,218 =

f. 9,186 =

m. 7,284 =

t. 1,658 =

g. 9,129 =

n. 4,137 =

u. 6,086 =

Round to the nearest ten thousand.

a. 87,211 =

h. 710,565 =

o. 580,169 =

b. 422,798 =

i. 288,335 =

p. 908,579 =

c. 931,268 =

j. 492,621 =

q. 627,154 =

d. 274,768 =

k. 229,295 =

r. 768,194 =

e. 605,176 =

L. 541,473 =

s. 431,586 =

f. 285,896 =

m. 275,370 =

t. 582,072 =

g. 914,574 =

n. 820,384 =

u. 15,850 =

Solve the following problems using the order of operations.

1) $21 \div 3 + (3 \times 9) \times 9 + 5$

2) $18 \div 6 \times (4 - 3) + 6$

3) $14 - 8 + 3 + 8 \times (24 \div 8)$

4) $4 \times 5 + (14 + 8) - 36 \div 9$

5) $(17 - 7) \times 6 + 2 + 56 - 8$

6) $(28 \div 4) + 3 + (10 - 8) \times 5$

7) $12 - 5 + 6 \times 3 + 20 \div 4$

8) $36 \div 9 + 48 - 10 \div 2$

9) $10 + 8 \times 90 \div 9 - 4$

10) $8 \times 3 + 70 \div 7 - 7$

Find all of the factors for each number.

a. 15 - _____

b. 25 - _____

c. 3 - _____

d. 27 - _____

e. 18 - _____

f. 12 - _____

g. 21 _____

h. 31 _____

i. 6 - _____

j. 16 - _____

k. 33 - _____

l. 20 - _____

m. 17 - _____

n. 8 - _____

Find the Greatest Common Factor for each number pair.

a. 4, 20 _____

i. 15, 20 _____

b. 3, 2 _____

j. 6, 5 _____

c. 40, 5 _____

K. 12, 24 _____

d. 8, 30 _____

L. 12, 40 _____

e. 8, 30 _____

m. 2, 24 _____

f. 8, 20 _____

n. 3, 30 _____

g. 24, 3 _____

o. 15, 8 _____

h. 8, 40 _____

Multiples:

List the first 7 multiples for each number.

a) 6 _____

b) 12 _____

c) 15 _____

d) 12 _____

e) 9 _____

f) 30 _____

g) What is the **least common** multiple of 6 and 9? _____

Word Problems:

1. A theater sold 3145 movie tickets at \$13 for each ticket. It also sold 2056 popcorn box sets at \$10 each. How much money did the theater collect altogether?

2. Violet and Steven are going to work at a fruit company this summer break. They need to deliver an order of 4885 watermelons. If each crate can hold 16 watermelons, how many crates will they need?

3. Ann wants to buy a really expensive violin. However, she doesn't have that much money right now. She wants to pay for it in INSTALLMENTS. Each installment is \$1025. If the violin costs \$28,700. How many installments does she have to pay?

4. Write out the words for P E M D A S

P= _____

E= exponents e.g 5^2

M= _____

D= _____

A= _____

S= _____