6th Grade Math Exit Test

Whole Numbers

Place Value: Using the diagram below, write the place value of the bold red underlined digit.



1. 26,278.**9**52 _____
2. 9,258,**9**0.07 _____
3. 5,363,953.5**2** _____
4. 3**0**,615.441 _____
5. 3**6**3.354 _____
6. 9,54**7**.16 _____

Add and Subtract Whole Numbers:

1. 4975 + 935
2. 2533 - 334
3. 2274 + 22
4. 22564 - 4428
5. 3337 + 227

Roman Numerals: Write the correct Roman numeral for each one below.

1. five _____
2. seven _____
3. two _____
4. Three _____
5. Ten _____
6. Fifteen _____
7. Fourteen _____
8. Six _____
9. Nine _____

MULTIPLICATION

1. 3573 x 32
2. 396 x 3
3. 3567 x 26
4. 7352 x 54
5. 3749 x 3

LIVEWORKSHEETS

DIVISION

1. $3\overline{)60}$ 2. $4\overline{)208}$ 3. $8\overline{)624}$

TIME: Write the correct time for each of the following

1.



2



3.



4.



:

5.



:

6.



:

Elapsed Time:

1. What time will it be in 25 minutes?



2. What time will it be in 10 minutes?



3. What time will it be in 15 minutes?



LIVEWORKSHEETS

Units of Time

1) _____ Minutes = 1/2 Hour

2) 52 Weeks = _____ Year

3) _____ Minutes = 1/4 Hour

4) 7 _____ = 1 Week

5) 60 Minutes = 1 _____

6) 24 _____ = 1 Day

7) 52 Weeks = 1 _____

8) 52 _____ = 1 Year

9) 1 _____ = 60 Seconds

10) 1 Minute = 60 _____

DECIMALS: Adding and Subtracting

1. 3.55	2. 35.32	3. 83.51	4. 283.42	5. 3384.53
+ .32	- 2.29	-33.18	+ 68.24	+ 287.38

FRACTIONS:

Improper Fractions: Converting Improper fractions to mixed numbers

1) $\frac{7}{3} = \square\frac{\square}{\square}$ 2) $\frac{36}{7} = \square\frac{\square}{\square}$ 3) $\frac{44}{10} = \square\frac{\square}{\square}$

Equivalent Fractions: Write the correct number to make the fractions equal

1. $\frac{1}{3} = \frac{\square}{9}$

2. $\frac{3}{4} = \frac{6}{\square}$

3. $\frac{1}{3} = \frac{\square}{9}$

4. $\frac{6}{12} = \frac{1}{\square}$

LIVEWORKSHEETS

Adding and Subtracting Fractions with Different Demoninators

1. $\frac{2}{3} + \frac{1}{2} = \square$

2. $\frac{2}{5} + \frac{1}{10} = \square$

3. $\frac{1}{5} + \frac{2}{4} = \square$

4. $\frac{3}{5} + \frac{3}{8} = \square$

Simplest Form: Write the correct mixed numbers from these improper fractions

$\frac{46}{4}$ ☐ $\frac{62}{4}$ ☐ $\frac{70}{3}$ ☐

$\frac{60}{2}$ ☐ $\frac{69}{2}$ ☐ $\frac{83}{4}$ ☐

INTEGERS:

a. Label these integers on the number line below. -6 , 8 , -9 , 0 , 2 , -2



b. Write the opposite integer for the numbers below.

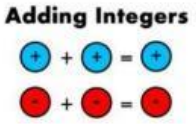
+19 ☐ -46 ☐

-61 ☐ 13 ☐

c. Arrange the following integers in descending order.

-5	3	10	-7	2

LIVEWORKSHEETS



Adding Integers

1) -6 + -2 = ____

2) -4 + -3 = ____

3) -9 + -2 = ____

4) 5 + 8 = ____

5) -4 + -4 = ____

Comparing Integers: Order the integers below from least to greatest

least	
247	
-26	
855	
400	
-716	
157	
greatest	

least	
-390	
724	
-762	
-24	
43	
245	
greatest	

THE DISTRIBUTIVE PROPERTY:

Fill in each ○ with <, >, or = to make a true statement.

1. −5 ○ −55
2. 4 ○ −66
3. −777 ○ −77
4. −75 ○ −75
5. −898 ○ −99
6. 0 ○ 44

How Do I Remember It All ... ? PEMDAS !

Order of Operations

- **P** Parentheses first
- **E** Exponents (ie Powers and Square Roots, etc.)
- **MD** Multiplication and Division (left-to-right)
- **AS** Addition and Subtraction (left-to-right)

Evaluate the expressions below using PEMDAS. Type your final answer in the box.

(A) $(9 + 7) \times 4 - 12 =$ ____

(B) $12 + 36 \div 4 - 16 =$ ____

(C) $9 \div 3 + 4 \times 6 =$ ____

(D) $8 \times 18 \div 4 + 15 =$ ____

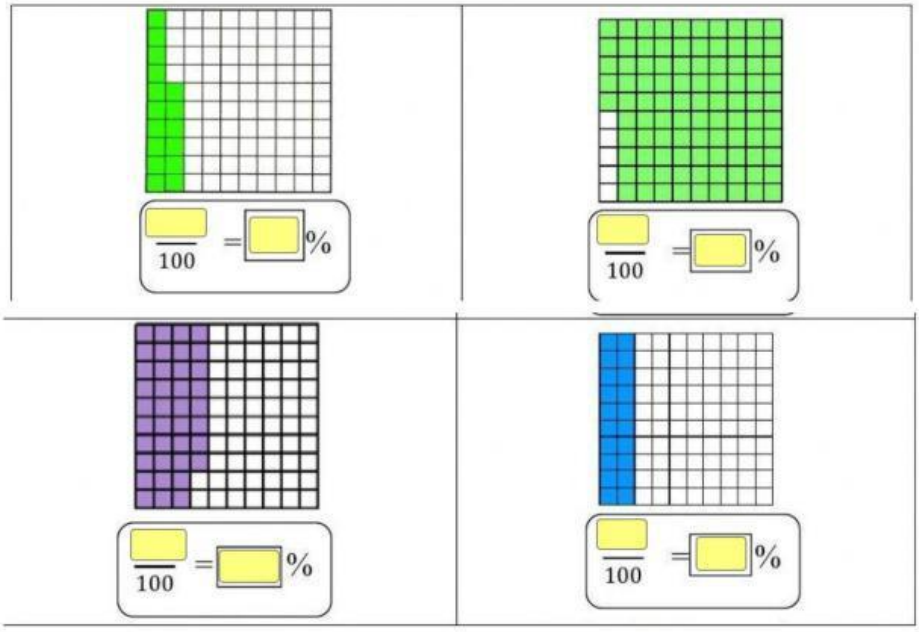
(E) $(67 - 18) \div 7 \times 8 =$ ____

(F) $52 - 8 \times 5 \div 2 =$ ____

LIVEWORKSHEETS

PERCENTS, RATIOS, AND RATES

State the percentage.



Solve the following:

1. Find 15% of $360.

15% = _____

$360 X _____ = _____

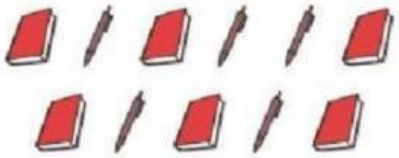
2. Find 32% of $480.

32% = _____

$480 X _____ = _____

Write the ratio in three different ways.

1) books to pens



Words : _____

Ratio : _____

Fraction : _____

2) pumpkins to cabbages



Words : _____

Ratio : _____

Fraction : _____

LIVEWORKSHEETS

Unit Rates

Find the unit rate	Answer
Example: 800 words per 4 minutes	**Example:** (800 ÷ 4) 200 words per minute
a) 120 flights per 4 hours	_____ flights per hour
b) 147 kilometres in 7 hours	_____ kilometres per hour
c) 60 calls in 12 hours	_____ calls per hour

MONEY:

You have **$10.00** to spend. Decide with each scenario if you have enough money to purchase the items and how much change you will get.

Cost of items — Pick the correct answer

1 cheeseburger $1.59 1 small fry $.79 1 small drink $1.29		I don't have enough $$ $6.33 in change $5.99 in change $3.67 in change
2 cheeseburgers $1.59 1 large fry $1.39 1 large drink $1.39		I don't have enough $$ $1.87 in change $5.96 in change $4.04 in change

Multiply.

1. $0.63 × 3 = _____
2. $0.72 × 8 = _____
3. $0.16 × 4 = _____
4. $0.49 × 2 = _____

LIVEWORKSHEETS

Adam buys an eraser and a pen. He gives the storekeeper a $1 bill. How much change should Adam receive?

Nancy has $4.25. She wants to buy 7 notebooks and 3 pens. How much more money does Nancy need?

School Store Supplies	
Pens 29¢	Pads 56¢
Pencils 6¢	Notebooks 89¢
Erasers 49¢	Highlighters 89¢

Solve each problem. Show all working in your Math notebook. Write you answers on the line.

a. Twelve friends go to a Junkanoo parade. Altogether, they pay $124.32 for tickets and snacks. They share the cost equally. How much does each person pay?

Answer: $_____ each



b. Mrs. Johnson is selling popcorn at the snack stand. Each bag holds 2.3 ounces of popcorn. In one hour she sells 56 bags of popcorn. How many ounces of popcorn are in 56 bags?

Answer: _____ ounces of popcorn



LIVEWORKSHEETS

Calculating Sales Tax

A. Shop A has discounted the following items by 30%.

Item	Old Price	Discount	Sale Price
Shirt	$29.50		
Dress	$87.99		

B. Shop A has discounted the following items by 70%.

Item	Old Price	Discount	Sale Price
Phone	$1,240.00		
Tablet	$945.00		

#	E.g.	1	2	3	4	5
Original Price	$110.00	$250.00	$38.00	$10.00	$55.00	$124.00
Sales Tax	5%	7%	6%	5%	9%	4%
Total Cost	$115.50					

LIVEWORKSHEETS