Name: _____ **Homework #1**

Directions: Each day Thursday through Wednesday (not including weekends), there are 1-4 questions to complete for homework. You may complete the work in the space provided. If you choose to work on a separate sheet of paper, record your answer in the appropriate box, and staple your separate sheet of paper to this one. ***To earn full credit, you must show some work when solving equations.***

**IMPORTANT: Go to this link and insert your answers

Thursday	Mr. Marquez had 123 eggs in a refrigerator in his restaurant. He put 32 more cartons of eggs in the refrigerator. Each carton contained 18 eggs. Which of these is the best estimate of the number of eggs Mr. Marquez now has in his refrigerator? **F** 600 **G** 400 **H** 700 **J** 900	Last month a flower shop employee ordered 48 cases of roses. There were 144 roses in each case. How many roses did this employee order? **F** 5,482 **G** 1,728 **H** 6,912 **J** 4,844	Aspen added 14 to the product of 224 and 16. What is this sum? **F** 3,478 **G** 3,598 **H** 3,808 **J** 3,584	A company makes 625 cell phone cases each day. How many cell phone cases does the company make in 31 days? **A** 18,375 **B** 1,490 **C** 2,500 **D** 19,375
Friday	Nicholas put 1,012 baseball cards into boxes. He put 22 cards in each box. How many boxes did Nicholas need for these baseball cards? **A** 55 **B** 50 **C** 46 **D** 47	Shauna is reading a 528 page book. She reads 22 pages every day. How many days will it take Shauna to read the entire book? **F** 506 **G** 26 **H** 24 **J** 550	In a school auditorium there are 33 seats in each row of seats. How many rows are needed for 528 students to each have a seat?	Tara has a box of 908 beads for making bracelets. She wants to put 15 beads on each bracelet she makes. What is the greatest number of bracelets Tara can make with these beads? **A** 61 **B** 70 **C** 60 **D** 68

LIVEWORKSHEETS

Monday

The table shows the population of three Texas counties. The population of Gray County is missing.

Population

County	Population
Anderson	58,308
Dallas	2,416,014
Brazos	197,632
Gray	

The population of Gray County is 35,553 less than the population of Anderson County.
What is the combined population of these four counties?

F 2,694,709
G 2,707,507
H 2,695,209
J 2,765,815

An elementary school had 90 boxes of glue sticks. Each box had 36 glue sticks. Teachers put all of the glue sticks into bags to give to the students. They put 6 glue sticks into each bag.
Which equation can be used to find b, the number of bags the teachers can fill with these glue sticks?

A $90 \times 36 \div 6 = b$
B $90 \div 6 + 36 = b$
C $36 \times 90 + 6 = b$
D $36 \times 6 \times 90 = b$

Kendra earned a total of $625 selling jewelry.
- She sold 7 necklaces for $55 each.
- She sold 8 rings.
- Each ring was sold for the same price.

The equation shown can be used to find r, the amount of money in dollars she earned for each ring sold.

$r = [625 - (7 \times 55)] \div 8$

What was the amount of money in dollars Kendra earned for each ring sold?

A $30
B $240
C $45
D None of these

Three friends rode their bikes last week.
- Christine rode her bike 27 kilometers.
- Philip rode his bike 12 kilometers less than Christine.
- Nathan rode his bike 3 times as far as Philip.

Which equation represents n, the distance in kilometers Nathan rode his bike?

A $(27 + 12) \div 3 = n$
B $(27 - 12) \times 3 = n$
C $(27 - 12) \div 3 = n$
D $(27 + 12) \times 3 = n$

Tuesday

Mr. Lorenzo gave his 2 sons $50 to buy a cooler. The total cost for the cooler is $44. Mr. Lorenzo told his sons that they could each have an equal share of the change they receive. The equation shown can be used to determine s, the amount of money each son should receive in dollars.

$s = (50 - 44) \div 2$

What amount of money is represented by s?

F $28
G $6
H $19
J $3

A family spent $93 at a carnival.
- They spent $18 on tickets to the carnival and $36 on food.
- They spent the rest of the money on games.

Which equation can be used to find g, the amount of money in dollars the family spent on games?

F $93 = g + 36 - 18$
G $93 = 18 + 36 - g$
H $93 = 36 - 18 - g$
J $93 = g + 36 + 18$

Mr. Fernandez packed 31 red apples and 41 green apples into a box for a customer. He packed 8 boxes like this. Mr. Fernandez used this equation to find x, the number of apples he packed into all the boxes.

$x = (31 + 41)8$

How many apples did Mr. Fernandez pack into the boxes?

A 576
B 568
C 80
D 10,168

Theo earned $500 selling food at a carnival. He earned $260 selling nachos and the rest selling hot dogs for $2 each. Theo used this equation to find h, the number of hot dogs he sold at the carnival.

$h = (500 - 260) \div 2$

How many hot dogs did Theo sell at the carnival?

F 380
G 180
H 370
J 120

LIVEWORKSHEETS

Wednesday

Mr. Gonzales is putting in a fence around the perimeter of a playground.

- The perimeter of the playground is 144 ft.
- Each section of the fence is 4 ft long and costs $12.

Which equation can Mr. Gonzales use to find b, the cost of the sections of fence he needs for the playground?

F $144 \div (12 \div 4) = b$

G $(12 \times 4) \times 144 = b$

H $144 \div (12 \times 4) = b$

J $(144 \div 4) \times 12 = b$

Mr. Anderson had 185 pieces of wood. He sold 25 pieces of wood to his neighbor and stacked the rest of the wood into piles around his house. Each pile of wood contained 40 pieces of wood.

Which equation can be used to find p, the number of piles of wood Mr. Anderson made?

F $p = (185 + 25) + 40$

G $p = (185 - 25) - 40$

H $p = (185 + 25) \times 40$

J $p = (185 - 25) \div 40$

The table shows the number of hats made at a factory during three weeks in February. The number of hats made in Week 4 is represented by n.

Hats

Week	Number of Hats
1	562,937
2	607,822
3	492,375
4	n

The total number of hats made at the factory in February was 2,148,431.

Which equation represents this situation?

F $2{,}148{,}431 = (562{,}937 + 607{,}822 + 492{,}375) + n$

G $2{,}148{,}431 = (562{,}937 + 607{,}822 + 492{,}375) - n$

H $2{,}148{,}431 = (562{,}937 + 607{,}822 + 492{,}375) \times n$

J $2{,}148{,}431 = (562{,}937 + 607{,}822 + 492{,}375) \div n$

LIVEWORKSHEETS