Name: _____ **Homework #7**

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	Ms. Fitzgerald had $2\frac{1}{4}$ gallons of fruit punch. She served $\frac{3}{8}$ gallon of the fruit punch to her family at lunch. How many gallons of fruit punch did Ms. Fitzgerald have left after lunch? **F** $2\frac{1}{3}$ gal **G** $1\frac{6}{8}$ gal **H** $1\frac{1}{2}$ gal **J** $1\frac{7}{8}$ gal	A park bench is located $16\frac{3}{4}$ feet due north of an elm tree. A fountain is located $9\frac{1}{2}$ feet due south of the same elm tree. What is the distance in feet between the park bench and the fountain? **A** $26\frac{1}{4}$ ft **B** $25\frac{1}{4}$ ft **C** $25\frac{2}{3}$ ft **D** 26 ft	Angelina used $\frac{1}{3}$ of a bag of soil to fill 6 flowerpots. She filled each flowerpot with the same amount of soil. How much soil did Angelina use to fill each flowerpot? **F** $\frac{1}{18}$ of a bag **G** 18 bags **H** $\frac{1}{2}$ of a bag **J** 2 bags	Harriet baked 3 cakes. She cut each cake into equal-size pieces. Each piece was $\frac{1}{9}$ of the cake. What was the total number of pieces after Harriet cut these cakes? **F** 12 **G** 27 **H** 9 **J** 3

LIVEWORKSHEETS

Friday	The owner of a snow-cone stand used $\frac{1}{4}$ gallon of syrup to make 16 cherry snow cones. She used the same amount of syrup in each snow cone. How much syrup in gallons was used in each cherry snow cone? **A** $\frac{1}{4}$ gal **B** 4 gal **C** $\frac{1}{64}$ gal **D** 64 gal	Tommy bought 3 cups of blueberries. He will eat $\frac{1}{2}$ cup of blueberries each day. How many days can Tommy eat the blueberries before they are all gone? **F** 6 **G** 2 **H** 5 **J** 4	What is the value of this expression? $\frac{1}{12} \div 36$ **F** 3 **G** $\frac{1}{432}$ **H** $\frac{1}{3}$ **J** 432	There are 16 pies on a picnic table. • Each pie is cut into pieces. • Each piece is $\frac{1}{8}$ of a pie. How many pieces of pie are on the picnic table? **A** 2 **B** 88 **C** 24 **D** 128
Monday	The math team does practice drills that each last $\frac{1}{6}$ hour. In February the team did practice drills for a total of 24 hours. How many practice drills did the math team do in February? **F** 4 **G** 144 **H** 30 **J** 240	Ms. Olsen has $\frac{1}{8}$ acre of land divided into 6 equal parts. What is the size of each part? **A** $\frac{1}{2}$ acre **B** $\frac{1}{14}$ acre **C** $\frac{3}{4}$ acre **D** $\frac{1}{48}$ acre	Cyril put a total of $\frac{1}{8}$ lb of gravel into 6 fish tanks. He put the same amount of gravel into each tank. How many pounds of gravel did Cyril put into each fish tank? **A** $\frac{6}{8}$ lb **B** $\frac{1}{6}$ lb **C** $\frac{1}{48}$ lb **D** $\frac{6}{48}$ lb	Amy cut 32 feet of chain into pieces that were each $\frac{1}{4}$ ft long. How many of these pieces did Amy have after cutting the chain?

LIVEWORKSHEETS

Tuesday

Malia had 15 lbs of birdseed. She fed her birds $\frac{1}{5}$ lb of birdseed every day until all the birdseed was gone.
For how many days did Malia feed the birdseed to her birds?

A 20 days
B 3 days
C 90 days
D 75 days

Jaylen was told to list all prime numbers between 30 and 50. Jaylen's list is shown.

31, 37, 41, 47

Which prime number is missing from Jaylen's list?

A 49
B 39
C 43
D 33

Four students each wrote down a number between 30 and 40. The list shows the numbers they wrote.

- Elly- 35
- Ulysses- 39
- Maggie- 37
- Palmer- 33

Which student wrote down a prime number?

A Elly
B Ulysses
C Maggie
D Palmer

Brenda said that the number 2 is prime because it has only two factors. Carla said that the number 2 is composite because it is even, and all even numbers are composite.
Who is correct?

A Brenda is correct.
B Carla is correct.
C Both of them are correct.
D Neither of them is correct.

Wednesday

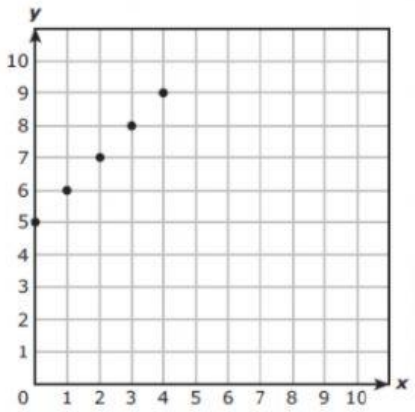
Seth's homework assignment is to write factor pairs that contain only composite numbers. Seth wrote four factor pairs for the number 132, as shown below.

6×22
11×12
3×44
2×66

Which of Seth's factor pairs contains only composite numbers?

F 6×22
G 11×12
H 3×44
J 2×66

The points plotted on the coordinate grid represent the rule $y = x + 5$.



Which table also represents this rule?

A

x	y
9	4
11	6
14	9
20	15

C

x	y
5	10
6	15
7	20
8	25

B

x	y
4	9
5	10
6	11
7	12

D

x	y
4	20
5	25
6	30
7	35

LIVEWORKSHEETS