

Name: _____

Homework #4

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.**

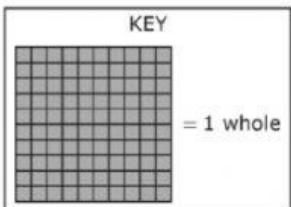
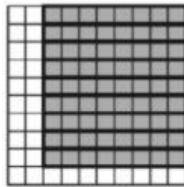
**IMPORTANT: Go to this link and insert your answers

T h u r s d a y	<p>Jonathan and Elizabeth are comparing the masses of their rocks.</p> <ul style="list-style-type: none"> • Jonathan's rock has a mass of 0.2 kilogram. • Elizabeth's rock has a mass 8 times the mass of Jonathan's rock. <p>What is the mass of Elizabeth's rock in kilograms?</p>	<p>Dion ran 3.75 kilometers each day to prepare for a race. What was the number of kilometers that Dion ran during 28 days?</p>	<p>Mr. Nolan paid \$36.95 for each adult shirt and \$23.95 for each youth shirt he bought. Mr. Nolan bought 2 adult shirts and 5 youth shirts.</p> <p>How much money did he spend on these shirts?</p>	<p>One bucket of gravel has a mass of 7.05 kg.</p> <p>What is the mass of 20 buckets of gravel in kilograms?</p>
	<p>A 10.5 km</p> <p>B 105 km</p> <p>C 1,875 km</p> <p>D 18.75 km</p>	<p>A \$167.35</p> <p>B \$258.65</p> <p>C \$232.65</p> <p>D \$193.65</p>	<p>A 14.1 kg</p> <p>B 150 kg</p> <p>C 27.05 kg</p> <p>D 141 kg</p>	
F r i d a y	<p>An electronic book has a file size of 2.4 megabytes. What is the file size in megabytes of 16 of these electronic books?</p>	<p>Mia's dog weighs 32.6 pounds. Lettie's dog weighs 3.8 times as much as Mia's dog.</p> <p>What does Lettie's dog weigh in pounds?</p>	<p>Mr. Roosevelt has 48 nails that each weigh 1.35 ounces. What is the weight of these nails in ounces?</p>	<p>Scott drank 3.5 bottles of water yesterday. Each bottle contained 1.2 pints of water. What was the number of pints of water Scott drank yesterday?</p>
	<p>A 32.4 megabytes</p> <p>B 54.4 megabytes</p> <p>C 32.64 megabytes</p> <p>D 38.4 megabytes</p>	<p>A 36.40 lb</p> <p>B 12.388 lb</p> <p>C 96.48 lb</p> <p>D 123.88 lb</p>	<p>A 50.4 oz</p> <p>B 40.4 oz</p> <p>C 64.8 oz</p> <p>D 16.2 oz</p>	<p>A 4.7 pints</p> <p>B 4.2 pints</p> <p>C 4.1 pints</p> <p>D 42 pints</p>

Freddy exercised 2.5 hours per day on 4 days last week. He burned 330 calories per hour while exercising. How many calories did Freddy burn by exercising last week?

Denise spent \$3.45 on snacks every day for 11 days. What is the amount of money Denise spent on these snacks?

The hundredths model is shaded to represent a division problem.



Which equation is represented by the model?

A 2,640 calories
B 26,400 calories
C 3,300 calories
D 33,000 calories

A \$379.50
B \$14.45
C \$37.95
D \$6.90

The length of a piece of yarn is 19.2 units. Jesse cut the piece of yarn into 4 smaller pieces that were all the same length. Which expression represents the length of each smaller piece of yarn?



A 19.2×4
B $19.2 - 4$
C $19.2 \div 4$
D $19.2 + 4$

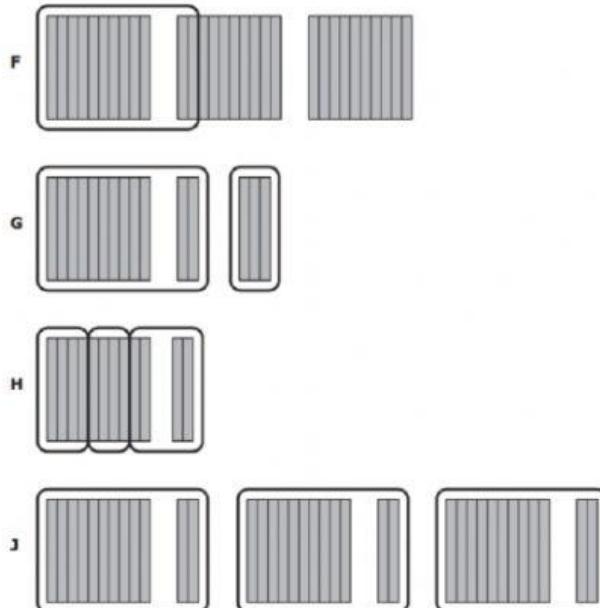
Mark has \$5.25 in quarters. He spent all his money on 3 sports drinks. He spent the same amount for each sports drink.



Which equation can be used to find the amount of money Mark spent for each sports drink?

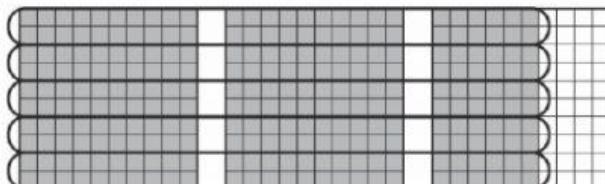
A $5.25 \times 3 = 15.75$
B $5.25 \div 7 = 0.75$
C $5.25 \div 3 = 1.75$
D $5.25 \times 7 = 36.75$

Which model represents $1.2 \div 3$?



The model is shaded to represent two and sixty-hundredths.

This model represents an equation.



Which equation is represented by this model?

- A $2.50 \times 5 = 12.5$
- B $2.60 \div 5 = 0.52$
- C $52 \times 5 = 260$
- D $2.06 \div 5 = 0.412$

A cafeteria worker used 8.05 kilograms of meat to make 35 lunches. Each lunch had the same amount of meat. What was the mass in kilograms of the meat in each lunch?

Gwen had a board that was 6.48 meters long. She cut the board into 9 pieces of equal length. What was the length of each piece in meters?

- F 2.03 kg
- G 0.23 kg
- H 0.023 kg
- J 2.3 kg

- F 6.39 m
- G 0.61 m
- H 6.08 m
- J 0.72 m