

Math & Science Homework Boxes

Monday

NO SCHOOL

HAPPY MARTIN

LUTHER KING JR.

DAY

Tuesday

Solve:

1. $0.13 \times 10^2 =$

2. 45 divided by $10^3 =$

3. A chemist puts 1.6 liters of liquid in each of 3 beakers. How much liquid is there in total?

4.. Put the following in expanded form: 18.547

Wednesday

1. Netra and her family went to the North Carolina State Fair. They enjoyed cotton candy, apple chips, and a Cheerwine funnel cake. How much money did they spend on treats?

Cotton Candy	\$2.25
Apple Chips	\$1.85
Cheerwine Funnel Cake	\$4.95

2. Round the following decimals to the nearest hundredth:

23.456

123.032

1,008.997

3. $65.31 + 1.2 =$

4. Write a word problem for the equation above.

Thursday

1. Without solving, how do you know that the product of 3.4 and 0.7 is less than 3.4? Explain.

2. Compare and order the following decimals from least to greatest:

12.07 12.7 12.007 12.070 12.17

3. $1.\underline{6}$ $\underline{6}5.31$

Write a sentence comparing the value of the two 6's in these numbers.

4. Ms. DiFruscio bought a bag of Doritos for \$1.76, a coffee for \$2.34, and a granola bar for \$0.87 at Sheetz. How much was her total cost?

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Tuesday

1. Which has more heat?
 - a) a match
 - b) an iceberg
 - c) a log in the fireplace
 - d) the oven .
2. Describe how a cloud is formed.
3. What is air pressure?
4. Which instrument is used to measure air pressure?
 - a) Hygrometer
 - b) Barometer
 - c) Thermometer
 - d) Anemometer

Wednesday

1. What weather comes with high pressure systems?
2. On a hot summer day, railroad tracks will:
 - a) Contract
 - b) Expand
 - c) Evaporate
 - d) Rust
3. What type(s) of heat transfer occur during the "Evaporation" process of the water cycle? Explain your thinking.

Thursday

1. What weather comes with low pressure systems?
2. . Which gives the **best** explanation of what usually happens to the amount of evaporation in an area during winter?
 - a) Less evaporation occurs because there is less sunlight.
 - b) Less evaporation occurs because there are fewer clouds in the sky.
 - c) More evaporation occurs because there is less sunlight.
 - d) More evaporation occurs because there are fewer clouds in the sky.
3. At night, a _____ blows out to the ocean.
 - a) Sea breeze
 - b) Land breeze
 - c) Sealand breeze
 - d) Landsea breeze

