

Math & Science Homework Boxes

Monday

1. Cedar Fork fourth graders are required for 45 minutes 5 nights a week. **How many minutes will they have read in 36 weeks?**
2. Alex ran $\frac{3}{8}$ of a mile each day in Run Club. If he ran 4 days, how far did he run?
3. 352 divided by $22 = ?$
4. $\frac{2}{3} \times \frac{4}{5} = ?$ Use a visual to show your work.

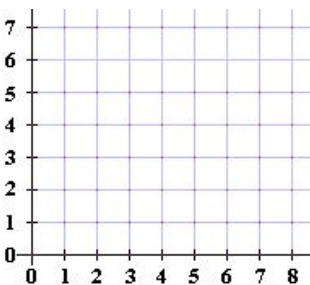
Tuesday

1. The pie slices served at Patsy's Pie Palooza are $\frac{1}{4}$ of a whole pie. There are three pies ready to be served. 14 children come in for a sweet treat. Is there enough pie for every child? Justify your thinking.
2. If $618 \times 24 = 14,832$, then $14,832 \div 24 =$ _____.
3. Dr. Reece, an eye doctor, sees 18 children in one day. 6 of them had blue eyes. How many children **did not** have blue eyes? Write your answer as a fraction.

Wednesday

1. Plot these four points in the coordinate plane. What shape is created?

Point	Location
A	(1, 2)
B	(6, 2)
C	(4, 4)
D	(3, 4)



2. Ms. Angelo bought $\frac{7}{8}$ pound of turkey at the deli. She used $\frac{2}{3}$ of it to make sandwiches for lunch. How much turkey does Ms. Angelo have left after she made her sandwiches?
3. In a class of 27 students, 12 are boys and 15 are girls. Write the fraction of **girls** in simplest form.

Thursday

1. A recipe calls for $\frac{3}{4}$ cup of sugar. If Kieran wants to make $\frac{1}{2}$ of the recipe, how much sugar should she use?
2. If Cedar Fork wins, we will have 1025 students attending the Readvolution celebration with the Carolina Hurricanes. A bus can hold 65 students. **How many buses will be needed to take all the students to the event?**
3. Find 3 equivalent fractions for each:

1/3			
3/8			
2/5			

Monday

1. Draw a picture of what the molecules look like in each state of matter:

Solid	Liquid	Gas

2. Cutting up vegetables for dinner is a _____ change.
3. In which activity has a chemical change occurred?
- A boiling of milk
 - B freezing of water
 - C milk turning sour
 - D adding sugar to water

Tuesday

1. In a _____ change, a new substance is formed.
2. Which is an example of a different substance being formed?
- A. Glass breaking
 - B. Metal melting
 - C. Water freezing
 - D. Wood burning
3. An ice cube going from a solid to a liquid state is a _____ change.
4. Is cooking an egg an example of a chemical change or a physical change? How do you know?

Wednesday

1. Draw a motion graph that shows an object decreasing in speed. Label your x and y axis.



2. A man has a piece of paper; he folds it up, rips it into pieces, then burns the pieces in his fireplace. Which of these is chemical changes and which are physical changes?
3. Lighting a candle is an example of a _____ change. How do you know?

Thursday

1. Describe the difference between an insulator and a conductor:

Insulator	Conductor

2. Which is the best example of an insulator?
- a. Metal
 - b. Foil
 - c. A cotton blanket
 - d. Plastic
3. The best example of a conductor is:
- a. Plastic
 - b. Glass
 - c. Metal
 - d. Paper

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