

Math & Science Homework Boxes

Monday	Tuesday
<p>1. High, feathery white clouds made of tiny pieces of ice are called</p> <ol style="list-style-type: none">stratuscumuluscirrusnimbus <p>2. Which process allows green plants to control the amount of water stored in their leaves?</p> <ol style="list-style-type: none">photosynthesiscondensationrespirationtranspiration <p>3. If the student pulls the rubber band back the same amount each time, which object will likely move the fastest when launched?</p> <ol style="list-style-type: none">paper clippiece of glasseraserrubber ball	<p>1. A pencil falls off a desk. What moves the pencil forward?</p> <ol style="list-style-type: none">momentumfrictiongravityspeed <p>2. Which pressure system is correctly paired with weather condition(s)?</p> <ol style="list-style-type: none">high-pressure → mostly fair skieshigh-pressure → cloudy and stormylow-pressure → mostly fair skieslow-pressure → hot and partly cloudy skies <p>3. What type of weather is <i>usually</i> associated with cumulonimbus clouds?</p> <p>4. True or False: Weather from a cold front comes to an area before the front arrives.</p>
Wednesday	Thursday
<p>1. Name 3 differences between cold and warm fronts.</p> <p>-</p> <p>-</p> <p>-</p> <p>2. Which of the following represents a chemical reaction?</p> <ol style="list-style-type: none">a sugar cube dissolving in waterice cubes forming in a freezerice cream melting in a bowla cake baking in an oven <p>3. A pot is heated on the stove. Which process causes the metal handle of the pot to also become hot?</p> <ol style="list-style-type: none">combustionconvectionconductioncondensation	<p>1. Which action will result in a product with new chemical properties?</p> <ol style="list-style-type: none">shredding a newspaperbreaking a mirrorcutting woodpopping popcorn <p>2. What weather conditions must be present for a hurricane to form (check all that apply)?</p> <ul style="list-style-type: none"><input type="checkbox"/> Warm ocean currents<input type="checkbox"/> Cumulonimbus clouds<input type="checkbox"/> Low pressure systems<input type="checkbox"/> High pressure systems <p>3. What weather conditions usually comes from a stationary front?</p>

Monday

1. $40.214 - 1.36 =$ 2. $\$100.00 - 58.19$

Use **PEMDAS** to solve the following:

3. $(9 \times 4) + 2^3 - 6 =$ _____

4. $12 - 4 \times 2 + 5 =$ _____

5. Aria spent \$27.48 at the book fair. She paid with a fifty dollar bill she received for her birthday. **What was her change?**

Tuesday

1. 8.34×3

2. $4.32 \times 10^2 =$

3. $7.463 \times 10^4 =$

4. A seafood restaurant made 6.59 cups of clam chowder on Tuesday morning. At lunch, the restaurant sold 1.46 cups of the chowder. How much clam chowder is left for dinner?

5. Write a word problem for problem 1, 2, or 3!

Wednesday

1. Mrs. Kehler and her two children attended the Super Bowl in Atlanta. Each ticket was \$5,900, airline tickets were \$834 per person, hotel cost was \$645 a night (stayed 3 nights), and she spent \$120 a day on food (4 days). **What was the total cost for them to attend the big game?**

Solve.

3. 234.67×12

4. 12.98×7

5. Kim and Tim compete in a sack race. Tim travels 2 feet each hop. Kim hops 4 feet each hop. After each have taken 48 hops, which statement is true?

- A) Kim has traveled twice as far as Tim.
- B) Kim has traveled 4 times as far as Tim.
- C) Tim is 2 feet behind Kim.
- D) Tim is 48 feet behind Kim.

Thursday

1. Gas is \$2.46 per gallon in North Carolina. **How much will it cost to fill up an EMPTY 20 gallon gas tank? What would be the change, if the fuel was purchased with a \$100 bill?**

2. Miray wants to bring in cupcakes for her birthday. She can buy them individually for \$0.85 each or \$4.75 per dozen. She needs to purchase 27 cupcakes. **Which option will save her money? Please show work for each option.**

3. Write the following decimals in **expanded** and **word** form:

- 2,432.074

- 702.021

