

# Math & Science Homework Boxes

Monday

**NO SCHOOL  
HAPPY PRESIDENT'S  
DAY!**

Tuesday

1. Erin, a marathon runner, can run  $7\frac{2}{3}$  miles in an hour. Jannie can run  $3\frac{1}{2}$  miles in an hour. How many fewer miles can Jannie run in an hour than Erin?

2. Use the area model method to solve  $5.8 \times 7.6$ .

3. Lilly owes her sister \$12.95. **About how much change will she receive from a \$50 bill?**

Wednesday

1. Round each number to the nearest **thousandths place**:

942.5328

86.0344

2. Average gas costs are at \$2.57 a gallon. If Ivy's mom gets 12 gallons of gas, how much is she paying?

3. If gas costs \$1.90 and Ms. Angelo paid \$38.00, how many gallons did she get?

4. Mrs. Moffett bought 4 pounds of grapes for \$1.60 each and said she paid \$0.04 for each pound. Does her answer make sense? Why or why not?

Thursday

1. What does the 7 in each number represent? Which 7 has a greater value? How much greater?

**175.64****73210.45**

2. Ms. Angelo went to the farmers' market and paid \$4.36 for 3 apples. How much did she pay for 1 apple?

3. Ms. DiFruscio went to the grocery store and paid \$5.12 for 3 apples. How much more did she pay than Ms. Angelo?

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1. Which of the following is an abiotic factor that can influence the quantity of fish a pond can support?
  - A. Availability of plants
  - B. Concentration of bacteria
  - C. Quality of water
  - D. Number of consumers
2. Why are cooking pots usually made of metal?
  - a. metal insulates heat
  - b. metal convects heat
  - c. metal radiates heat
  - d. metal conducts heat
3. What are three examples of *biotic factors* in the ocean?

Wednesday

1. A community of plants, animals, soil, and climate in a specific area...
  - A. Biome
  - B. Ecosystem
  - C. Environment
  - D. Terrain
2. What is the difference between weather and climate?
3. What are three *abiotic factors* that you might find in a forest?

Thursday

2. What is the original source of energy for food webs in a terrestrial ecosystem?
  - A. Plants
  - B. Sunlight
  - C. Cricket
  - D. Fox
3. In which category are all living things most directly dependent upon the sun for energy?
  - A. carnivores
  - B. producers
  - C. herbivores
  - D. decomposers
4. What role does a decomposer play in its environment?