

Math Homework Boxes

Monday

1. Solve the following problems using your preferred method for multiplication:

$$23 \times 14$$

$$65 \times 29$$

2. A bookshelf has 15 different shelves. If each shelf can hold 21 books, how many books does the entire bookshelf hold?

3. Write the following in **expanded form**: 56,138

Tuesday

1. Write the following number in standard, word, and expanded form: **320,569**

Standard Form	
Word Form	
Expanded Form	

2. Round the following numbers to the nearest hundred:

$$392,498$$

$$283,201$$

Wednesday

1. Identify the value of the underlined digits:

$$\underline{2}39,478$$

$$1\underline{8}4,727$$

2. A farmer puts 123 apples into each basket to take to the farmer's market. If he has 7 baskets, how many apples does he have in all?

3. A business printed 204 books on Friday. Each book contains 354 pages. How many pages did the business print on Friday?

Thursday

1. $(5 \times 2) + 3 \div 3 \times 10$

2. Compare the numbers using $<$, $>$, or $=$

$$49,304 \quad \underline{\hspace{2cm}} \quad 49,034$$

$$948,402 \quad \underline{\hspace{2cm}} \quad 984,204$$

3. The math team went to Sea Life. Each team member paid \$14 for the trip. There were 25 team members. What was the total amount the team members paid for the trip?

Science Homework Boxes

Monday

1. Explain Newton's First Law of Motion in your own words.
2. Match the example with the vocabulary word: speed, velocity, or acceleration.
 - Slow down from 45 mph to 20 mph to take a left turn.
 - Driving 30 miles per hour on a road.
 - Riding a bike 10 miles per hour south towards downtown.
3. Draw a picture to represent gravity.

Tuesday

1. Explain Newton's Second Law of Motion in your own words.
2. No change in force is necessary to
 - a. start an object moving.
 - b. stop an object from moving.
 - c. cause a change in the motion of an object.
 - d. keep an object doing what it is already doing.
3. How is velocity different from speed?

Wednesday

1. Explain Newton's Third Law of Motion in your own words.
2. True or False: The greater the mass of an object, the greater the gravitational pull on that object. *Explain your thinking.*
3. You and your family go to the park. If your dad and your little brother take turns pushing you on the swing, most likely, your acceleration
 - a. will be the same regardless of who pushes you.
 - b. will be greater when your little brother pushes you.
 - c. will be greater when your mom pushes you.
 - d. will be less when your mom pushes you.

Thursday

1. Gabby, Alessandra, Delaney, and Kelly are trying out for a swim team. In the chart are their times and distances. Calculate their speed.

Swimmer	Time	Distance	Speed
Gabby	5 secs	25 m	
Alessandra	3 secs	15 m	
Delaney	10 secs	20 m	
Kelly	4 secs	12 m	

2. What vocabulary word refers to a change in the position of an object?
3. A car driving on a flat road after a while comes to a hill slope; what do you think will happen?
 - a) A decrease in speed
 - b) An increase in speed
 - c) No change in speed