

# Ms. Meddings' 5<sup>th</sup> Grade Math & Science Assignments

## Math Printable Assignment – April 8, 2020

*Solve the following word problems...*

- 1) Fred has saved 33 quarters over 5 days from washing cars. How many cents does Fred have? \_\_\_\_\_
- 2) Mary earns \$12.50 an hour cleaning houses, but doesn't work on Saturday or Sunday. If she works from 8:00am to 2:00pm, how much money will she make? \_\_\_\_\_
- 3) Jason, Dan, Sandy, and Benny each have fourteen baseball cards. Dan has thirty-two Pokemon cards. How many baseball cards do they have in all? \_\_\_\_\_
- 4) Dan bought 5 dozen eggs from the grocery store to bake some cakes. He plans to bake the cakes over 7 days. How many eggs did Dan buy? \_\_\_\_\_
- 5) Sally has forty-four black marbles and forty-two green marbles. Fred has five times more black marbles than Sally. How many black marbles does Fred have? \_\_\_\_\_
- 6) There are 31 calories in a candy bar. Melanie ate 5 candy bars. How many calories are there in 14 candy bars? \_\_\_\_\_
- 7) There were a total of 3 baseball games a month, and 9 are played at night. The season is played for 4 months. How many games are in the seasons? \_\_\_\_\_
- 8) There are thirteen children in the classroom, each student will get thirty-five pencils and eleven erasers. How many pencils will the teacher have to give out? \_\_\_\_\_
- 9) Fred has three dozen golf balls and four are used. How many golf balls does he have? \_\_\_\_\_
- 10) Keith has 34 books and he has read 7 of them. Sally has 5times more books than Keith. How many books does Sally have? \_\_\_\_\_

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## Math Printable Assignment – April 15, 2020

*Solve the following word problems...*

- 1) Fred has saved 31 quarters from washing cars. How many cents does Fred have? \_\_\_\_\_
- 2) Joan, Dan, Alyssa, and Jessica each have 47 baseball cards. How many baseball cards do they have in all? \_\_\_\_\_
- 3) Nancy earns \$12.50 an hour cleaning houses. If she works from 8:00am to 1:00pm, how much money will she make? \_\_\_\_\_
- 4) There were a total of 3 hockey games a month. The season is played for 4 months. How many hockey games are in the seasons? \_\_\_\_\_
- 5) Tom has 3 dozen golf balls. How many golf balls does he have? \_\_\_\_\_
- 6) There are 47 calories in a candy bar. How many calories are there in 49 candy bars? \_\_\_\_\_
- 7) Fred bought 8 dozen eggs from the grocery store to bake some cakes. How many eggs did Fred buy? \_\_\_\_\_
- 8) Sara has 19 books. Jessica has 8 times more books than Sara. How many books does Jessica have? \_\_\_\_\_
- 9) Jessica has 12 blue marbles. Sara has 8 times more blue marbles than Jessica. How many blue marbles does Sara have? \_\_\_\_\_
- 10) There are 19 children in the classroom, each student will get 35 pencils. How many pencils will the teacher have to give out? \_\_\_\_\_

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## Math Printable Assignment – April 22, 2020

*Solve the following word problems...*

- 1) Tom bought 9 dozen eggs from the grocery store to bake some cakes. How many eggs did Tom buy
- 2) Melanie has 27 blue balloons. Sara has 9 times more blue balloons than Melanie. How many blue balloons does Sara have? \_\_\_\_\_
- 3) Nancy has saved 10 quarters from washing cars. How many cents does Nancy have? \_\_\_\_\_
- 4) There are 17 calories in a candy bar. How many calories are there in 28 candy bars? \_\_\_\_\_
- 5) Mike earns \$12.50 an hour cleaning houses. If he works from 8:00am to 1:00pm, how much money will he make? \_\_\_\_\_
- 6) There are 20 children in the classroom, each student will get 45 pencils. How many pencils will the teacher have to give out? \_\_\_\_\_
- 7) Jason, Sally, Alyssa, and Mary each have 12 Pokemon cards. How many Pokemon cards do they have in all? \_\_\_\_\_
- 8) There were a total of 3 hockey games a month. The season is played for 4 months. How many hockey games are in the seasons? \_\_\_\_\_
- 9) Joan has 10 books. Keith has 9 times more books than Joan. How many books does Keith have? \_\_\_\_\_
- 10) Dan has 3 dozen golf balls. How many golf balls does he have? \_\_\_\_\_

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## Math Printable Assignment – April 29, 2020

*Solve the following word problems...*

- 1) There were a total of 3 football games a month. The season is played for 4 months. How many football games are in the seasons? \_\_\_\_\_
- 2) Dan bought 8 dozen eggs from the grocery store to bake some cakes. How many eggs did Dan buy? \_\_\_\_\_
- 3) Tom has saved 38 quarters from washing cars. How many cents does Tom have? \_\_\_\_\_
- 4) Dan earns \$12.50 an hour cleaning houses. If he works from 8:00am to 4:00pm, how much money will he make? \_\_\_\_\_
- 5) There are 34 children in the classroom, each student will get 41 pencils. How many pencils will the teacher have to give out? \_\_\_\_\_
- 6) Mike, Jessica, Dan, and Sally each have 19 baseball cards. How many baseball cards do they have in all? \_\_\_\_\_
- 7) Fred has 39 books. Alyssa has 8 times more books than Fred. How many books does Alyssa have? \_\_\_\_\_
- 8) Sally has 24 yellow marbles. Nancy has 8 times more yellow marbles than Sally. How many yellow marbles does Nancy have? \_\_\_\_\_
- 9) Melanie has 3 dozen golf balls. How many golf balls does she have? \_\_\_\_\_
- 10) There are 24 calories in a candy bar. How many calories are there in 28 candy bars?  
\_\_\_\_\_

# Ms. Meddings' 5<sup>th</sup> Grade Math & Science Assignments

## Science Printable Assignment – April 9, 2020, page 1

### *Read the article...*

During the holidays, many people hang mistletoes over doorways. People share kisses under this evergreen plant. It is a popular Christmas tradition. But don't let the image of a romantic plant used during the happy times of the holidays fool you. In the forests where they're from, mistletoes can do some real damage. Let's take a look at how and why.

The mistletoe plant is evergreen. This means it has leaves that remain green throughout the year. It is also poisonous and has white berries and small, yellow flowers. The mistletoe lives on other plants, taking water and nutrients from these plants. For this reason, mistletoes are considered parasites.

The white berries of the mistletoes contain seeds. Some birds and mammals like to feed on these berries. When they do, the seeds may attach to the animal eating the berries. The animal may carry the seeds to another part of the tree or shrub. They may also carry the seeds to another plant altogether. The seeds start to grow roots that dig through the bark of the tree or shrub. The roots grow into the tissues of the plant they've taken over. That's how mistletoes take nutrients and water away from the host plants. Mistletoe can be hard to remove once it infects a plant. The best way to fight off a mistletoe infestation is to cut off the infected branch completely. If the mistletoe takes over more parts of the plant, it can start to weaken the plant and make it harder for it to grow.

As mistletoes grow in the trees, they become a thick mix of branches and stems. This big mass is sometimes called a "witch's broom." Some animals nest in these witches' brooms. These animals include chickadees, house wrens, and most Cooper's hawks.

### *Answer the questions:*

#### **1. The mistletoe plant is evergreen. What does this mean?**

- A. It has leaves that remain red throughout the year.    B. It has leaves that fall off throughout the year.  
C. It has leaves that remain green throughout the year.    D. It takes water and nutrients away from other plants.

#### **2. Mistletoes live on other plants. The text describes the effects of mistletoes on these plants. What is one of these effects?**

- A. They cause the plants to grow stronger.    B. They cause the plants to grow weaker.  
C. They cause the plants to take in more water and nutrients.    D. They cause the plants to turn white.

#### **3. What is one positive effect mistletoes have on the ecosystems where they grow?**

- A. They take water and nutrients away from plants.    B. They have leaves that remain green throughout the year.  
C. They provide food to some animals.    D. They have seeds which can grow roots into the barks of trees and shrubs.

# Ms. Meddings' 5<sup>th</sup> Grade Math & Science Assignments

## Science Printable Assignment – April 16, 2020

### *Read the article...*

One night in March 2014, mud broke loose from a tall hillside near the town of Oso, Washington. The giant mass of wet soil moved downhill quickly. It eventually covered thirty nearby houses with mud and dirt. Many people were hurt.

*Landslide* is the word many people use to describe this kind of emergency. This landslide happened when very heavy rains soaked the ground near Oso.

At the beginning of any muddy landslide, wet ground breaks loose. As the mud moves, it may rip bushes, boulders, trees, and other things out of the ground.

Landslides can cause serious damage. A big landslide could bury homes and badly injure people in its path. Landslides can also dump huge amounts of wet dirt onto roads and highways. This added enormous weight could wreck cars and might even cause the road to collapse.

If a landslide happens near an area that includes buildings, it could break water lines, gas lines, or electrical lines. That kind of damage could also start fires.

Scientists are trying to figure out how to help people be safe in areas where landslides occur. The best thing, experts say, is to have a plan for what to do if this kind of moving-earth emergency happens.

### *Answer the questions...*

**1. The article describes an example of a real-life landslide. Where did this landslide happen?**

A. Washington, D.C.    B. Seattle, Washington    C. Oso, Washington

**2. This article describes some damage that can be caused by landslides. What is one possible effect of a landslide?**

A. the mud on a hillside could dry up    B. heavy rains could soak the ground    C. a road or highway could collapse

**3. In Oso, a large amount of wet soil and mud broke loose from a tall hill and covered thirty nearby houses. This landslide happened when very heavy rains soaked the ground near Oso. What can you conclude based on this evidence?**

A. Heavy rains may have been a cause of the landslide in Oso.  
B. The houses in Oso covered by the landslide had already been flooded from the rains.  
C. Landslides only ever happen after heavy rains.

# Ms. Meddings' 5<sup>th</sup> Grade Math & Science Assignments

## Science Printable Assignment – April 23, 2020

### *Read the article...*

Poor Pluto!

It's bad enough to be the runt of the group, but to be told after 75 years that you're not even a member of the club - what an insult!

Pluto was first discovered in 1930. Until 2006, students were taught that it was the ninth and smallest planet in the solar system. Smaller than Earth's moon, it is not even as wide as the United States.

Pluto is made up almost entirely of rock and ice. It is so far away from Earth that the NASA New Horizons spacecraft took almost 10 years to get very close to it. Pluto's full orbit around the sun lasts almost 250 Earth years!

But as small as it is, as cold as it is, as far from the sun as it is, for all those years it was considered the ninth planet of the solar system... until Eris came around.

Eris was discovered in 2005. It is about the same size as Pluto. And like Pluto, it is part of the Kuiper Belt, a ring of objects that circle the outer edge of the solar system.

After Eris was discovered, scientists had to make a decision. Either Eris was the 10th planet in the solar system or it was not a planet at all! And if Eris weren't a planet, could Pluto be considered one?

Scientists made new rules for what is counted as a planet, and decided that neither Pluto nor Eris qualified.

A new category was created: dwarf planet. The official list of planets in the solar system went from nine to eight, and Pluto and Eris became members of the dwarf planet club. So long for Planet Pluto—but at least it no longer has to be the littlest guy in the club. In fact, Pluto is one of the bigger dwarf planets! Maybe Pluto doesn't have it so bad after all.

### *Answer the questions...*

#### **1. Pluto used to be considered a planet. Today, what is it considered to be?**

- A. It is considered to be a dwarf planet.
- B. It is considered to be a star.
- C. It is considered to be a comet.
- D. It is considered to be an asteroid.

#### **2. How does the text describe Pluto?**

- A. Pluto is made up entirely of ice, and it is bigger than Venus.
- B. Pluto is made up entirely of rock and ice, and it is bigger than Earth's moon.
- C. Pluto is made up entirely of gas, and it is bigger than Earth's moon.
- D. Pluto is made up entirely of rock and ice, and it is smaller than Earth's moon.

#### **3. After Eris was discovered, scientists had to decide whether to count it as a planet. Why did this make them question whether Pluto should still be counted as a planet?**

- A. because Pluto and Eris are both space objects
- B. because Pluto and Eris were discovered at the same time
- C. because Pluto and Eris are very different
- D. because Pluto and Eris are very similar

# Ms. Meddings' 5<sup>th</sup> Grade Math & Science Assignments

## Science Printable Assignment – April 30, 2020

### **Read the article...**

People have been trying to build a flying car for a long time. So far, no one has been able to get a car off the ground safely. But engineers keep trying!

One problem is that flying cars need wings. The wings must be designed so they will not stick out into other lanes of the road. Engineers are looking for solutions to that problem.

Two kinds of flying cars are being developed that may solve the problem. One type is called *the Transition*. It has rotating blades that spin and lift the car. Those blades fold flat against the sides when the car is on the ground.

Another kind is named the *Skycar*. It has large propellers. These propeller wings fold up and can be packed in the car's trunk.

Flying cars will not just fly up from the road. They will have to take off from an airport runway. Still, some people are eager to have one of their own. Nobody is sure when flying cars will be available, but one company already has a hundred customers waiting for one.

So fasten your seat belts, and get ready for takeoff. Someday, cars may be on the road *and* in the air!

### **Answer the questions...**

#### **1. Which people are trying to build flying cars?**

- A. engineers      B. airplane pilots      C. racecar drivers

#### **2. What is a main problem engineers are trying to solve to make flying cars?**

- A. Flying cars need wings that will not stick out into other lanes of the road.  
B. Flying cars need to have a special kind of gas to be able to fly.  
C. Flying cars need to be able to fly up into the air straight from the road.

#### **3. It is difficult to make a flying car that can be used safely. What evidence from the text supports this conclusion?**

- A. Two kinds of flying cars are being developed that may solve the problem.  
B. One company already has a hundred customers waiting for a flying car.  
C. So far, no one has been able to get a car off the ground safely.