

Attainment's

Early Numeracy

Math Stories



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Unit One

Math Is Everywhere



Built for Speed



Welcome to the Elm Street Speedway! This is a place that's built for speed. Everything moves fast. Get in line to buy a ticket. My ticket costs \$**3**. Watch me count out my money.

Your ticket also costs \$**3**. That's the same price. Here's my ticket! Look, today my ticket is a circle shape.

I need to hurry
to my seat. The
race is about to
begin. What color
is your seat? My
seat is red. The
seats are in an
ABAB pattern.
See? Blue, red,
blue, red, blue, red.



The race is about to begin. It looks like there are **2** cars in the race today. Wait! Here comes **1** more car. Now how many are there?

It's time to start! The announcer says, "Ready, set, go! They're off!"





One car comes in 1st! Another comes in 2nd! Let's clap and cheer. Wow, that sure was a close race!

That was so much fun. When's the next race? Today is September 1st. The next race is in 2 days. Let's find that on the calendar.

Sunken Treasure



The Captain Hook pirates are on the hunt for treasures. The pirates are going to sail the ocean blue to search for sunken treasure chests full of loot. This is going to be quite an adventure!



Two ships set sail. The ships have their sails up. Look, one sail is in the shape of a triangle.

The hunt for sunken treasures begins. After days of searching, a pirate finds **1** treasure chest. Then, another pirate finds **1** treasure chest. They are equal: **1** and **1**. The pirates open the treasure chests very slowly . . . and they find . . . coins.

Ahoy mates! They find coins. Look at all the coins. Then they find another treasure chest. There are **3** coins in this treasure chest. Oh wait, they find another one with **2** coins. How many coins do the pirates find altogether?

Wow—that's a lot of loot! Nice work! Give me a big pirate "Arrggg."





When the pirates line up their loot, they notice that it makes a pattern. The coins are in an ABAB pattern. See? Gold, silver, gold, silver.

Guess what! I heard that the next time the pirates will hunt for treasures will be in **2** days. Today is October **3**rd. I'll need to mark my calendar to make sure I don't miss that treasure hunt!



Gardening with Grandpop

My name is Eva. Every spring, my grandpop and I plant a garden. There's nothing better than fresh carrots, lettuce, and onions from our garden. I think carrots are my favorite vegetable so Grandpop and I plant carrots. Grandpop said it takes **5** days to see the sprouts.



Last year, we planted our garden on March 1st. After only 4 days, we could already see the sprouts popping up from the soil.

Can you believe it? Only 4 days later!

When Grandpop and I planted the seeds, we planted

them in rows, with all the carrots together, all the green beans together, and all the onions together.



Then, we marked each row with a sign to remind us what was planted there. All of the signs were different shapes.

Grandpop let me pick vegetables. First, he let me pick heads of lettuce. Grandpop picked **3** pumpkins, and he let me pick **3** strawberries. Wait, **3** equals **3**. That's the same amount. Grandpop and I picked the exact same number.



I just love to garden with my grandpop. Last year we found something icky and gooey—**WORMS!** When we planted the carrots, we found **2** worms. YUCK! Then, we started to plant the onions, and we found **3** more worms. YUCK again! I wonder how many worms that is altogether. My grandpop loves those worms. I learned that they're good for the soil in the garden. He says, "The bigger the worm, the better."



I noticed that the **2** worms I found in my garden were different colors. One was red and one was brown. If I found **2** more worms, I could line them up to make an ABAB pattern. That would be so cool! I really love to garden with my grandpop, but I sure hope we don't find any worms next year!



A Day at the Beach

During the summer, lots of people go to the beach to have fun. My name is Amber. My family is at the beach today, on July **1st**. We'll stay for **3** days.

The beach is a great place to be a math detective. First, I look out to sea, and I see 2 sailboats passing by. Ah ha! I see the sails on the sailboats are triangles.





The sailboats each have **2** sails. Each sailboat has the same number of sails.

They're equal: **2** and **2**.

Next I spot dolphins swimming. They stay under the water for **5** seconds, and then they come up. Wow, there are so many!

I look down the beach and
see beach chairs and umbrellas,
beach chairs and umbrellas.

Hey, that's a pattern!

Then I see sandals—lots of
sandals. First I see 2 sandals—
my mom's. Then I see 2 more
sandals—my little sister's.



Everyone wears
sandals to the beach,
but my sandals are the
coolest ones!



Our day at the beach is nearly finished. It's time to pack up. I'd better make sure we all have our sandals in my family's beach bag! I think I'll count them. I count **4** sandals. Oh no! My sandals are missing. What a great way to end my day at the beach—hunting for my sandals!

