

# Extraordinarily Easy BrainStarters

## Logic Activities to Jumpstart Your Day

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Easy

1. Three students had been involved in an arm-wrestling game that had gotten out of control and were sent to the principal's office. After having a short discussion with all three students, the principal learned the following:

- The three students' names were Ben, Carl, and Joey.
- Joey said that one of the other two students was not wrestling.
- Ben said that one of the other two students was not wrestling.
- Carl refused to say anything.

**Which two students were arm-wrestling?**

2. Stacie really loves animals, and her parents let her keep a few of them as pets. If all of her pets are birds except for two of them and all of her pets are dogs except for two of them, **how many pets does Stacie have?**

3. Try doing this math puzzle in your head:

Begin with the number 1,000.

Add 40 to it.

Add another 1,000.

Now add 30.

Add another 1,000.

Add 20 to it.

Add another 1,000.

Now add 10.

**What is your total?**

- 16.** Josh left home at a brisk pace. After running for a while, he abruptly turned left, ran a little further, turned left again, ran even further, and made one more left turn. Running as fast as he could, Josh headed towards home. When he got there, a masked man was waiting for him.

**Who was this man?**

- 17.** You have found a bottle with a marble inside of it. It appears that the marble is just small enough to fit through the neck of the bottle. However, a cork is pushed into the bottle's neck.

**How can you get the marble out of the bottle without removing the cork or breaking any part of the bottle?**

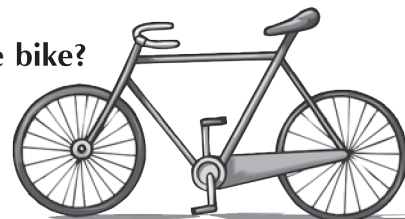
- 18.** I occur once in a morning, twice in an afternoon, and never at night.

**What am I?**



- 25.** Lamar bought his mountain bike for \$75. He then sold it to Sherry for \$82, who later resold it to Jane for \$85. A few months later, Lamar bought the bike back from Jane for \$50, and then sold it to Keith for \$60.

**How much of a profit did Lamar make from the sale of the bike?**



- 26.** Mr. Fickle has a dollar and a nickel to buy a sandwich and a pickle. Mr. Fickle's sandwich costs a nickel more than the pickle.

**How much was Mr. Fickle's pickle?**

- 27.** One day, Trish was driving home from work when she realized the headlights on her car were not working. She was in an area with no houses, no streetlights, and no other cars. Not even the moon was giving off any light! A solid black dog was lying in the middle of the road just ahead of Trish's car, but she was able to easily avoid hitting it.

**How is this possible?**