

Byte-Sized Brain Break

Logic Activity

Maria and John love their skateboards. One day they were on their skateboards 30 miles apart. Maria started riding towards John at 10 mph. John started riding toward Maria at 5 mph. A butterfly starting on Maria's skateboard flew back and forth between the two skateboards until they met. The butterfly was flying at 30 mph. How far did the butterfly travel?

Share your work with the tag: **#wecanjam**
Check your answer at youthcodejam.org/answer



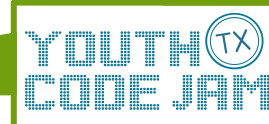
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Logic Activity

Write a ten digit number such that the first digit tells how many zeros, the second digit tells how many ones, the third digit tells how many twos and so on.

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Logic Activity

There are three people standing in a line. One of them is a King who always tells the truth. The second is a Queen who sometimes tells the truth. The third is a Joker who never tells the truth. #1 says "The King is next to me." #2 says "I am the Queen." #3 says "The Joker is next to me." Which number is which person?

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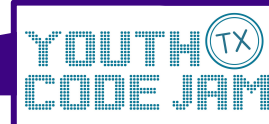
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Logic Activity

The odometer of a car shows 15,951 miles. The driver notices this number is palindromic, reading the same backward as well as forward. "Curious," the driver says. "It will be a long time before that happens again." But, 2 hours later, the odometer shows a new palindromic number. How fast was the car traveling in those 2 hours?

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Logic Activity

1. Every blip is a blop.
2. Half of all bleeps are blops.
3. Half of all blops are blips.
4. There are 30 bleeps and 20 blips.

How many blops are neither blips nor bleeps?

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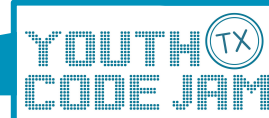
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Logic Activity

Three dogs weigh a total of 205 pounds. Sheldon weighs 20 pounds. The white dog weighs exactly 15 pounds less than the heaviest dog. Thunder weighs more than the dog with spots. TinTin weighs less than the bloodhound. Which dog is white?

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Logic Activity

Joel's watch is 10 minutes slow, but he thinks it is 5 minutes fast. Sergio's watch is 5 minutes fast but she thinks it is 10 minutes slow. Both plan to catch a train that leaves at 4 pm. If each thinks he is arriving just in time, who will get there first?

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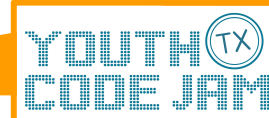


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Logic Activity



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