

Byte-Sized
Brain Break
Logic Activity

A train leaves Chicago for Boston one hour before a train leaves Boston for Chicago. The train from Chicago travels at a speed of 60 miles/hour. The train from Boston travels at 50 miles/hour. As the two trains are passing each other, which train is nearer to Boston?

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Check your answer at youthcodejam.org/



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When Joe found \$2.00 on the sidewalk, his father told him, "Now you have five times as much money as you would have had if you had lost \$2.00 instead." How much did Joe have before he found the \$2.00?

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A ship leaves New York for London at noon each day, and each day at noon a ship starts from London to New York. The trip across the ocean takes exactly three days. If you left on a ship from New York at noon on Monday, how many ships from London would you see by the end of your trip Thursday at noon?

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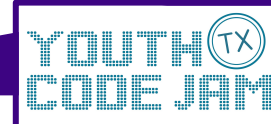
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A circus ringmaster kept track of her backyard menagerie of tigers and birds by counting both legs and heads. If she counted 78 legs and 35 heads, how many tigers and how many birds did she count?

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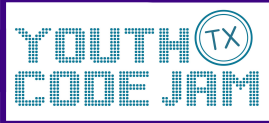
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Logic Activity

Frank Frugal decided to save money every day in June. He saved one cent on the first day, and each day he doubled the amount saved on the previous day. If June has 30 days, how much would Frank have to save on the last day of the month?

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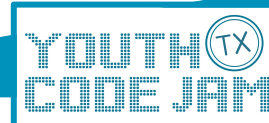
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Logic Activity

If you stood beside a bottomless pit and dropped in a \$5 bill every 15 seconds, how long would it take to drop a million dollars into the pit?

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Logic Activity

A man with a seven-gallon bucket and a four-gallon bucket goes to a well to get exactly five gallons of water. He has no container other than the buckets. How can he do it?

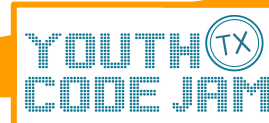
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