How do robots compute and move?
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We DOUBLE DOG DARE YOU to take the BINARY NUMBER CHALLENGE on the back page!
Use only 1’s and 0’s in the equation to make your AGE. Good luck!

Silly Jokes

What do you call a robot driving in a car? A Roadbot
What do you call a robot who likes books? A Readbot
What do you call a computer superhero? A Screen Saver

Why did the computer cross the road? To get a byte to eat.

Who chases computer criminals? A Hacker-Tracker

What do you get if you cross a computer with an elephant? Lots of Memory

What do you get when you cross a dog and a computer? A machine that has a bark worse than his byte

Why was the computer so angry? Because it had a chip on its shoulder.

Why did the computer sneeze? It had a virus.
Binary Numbers

Did you know that a computer can only use the digits 1 and 0? A computer is made up of switches that are either on or off. A one (1) can be represented by a high voltage (5 volts, or 3.3V, or even 1.8V) and a zero (0) is represented by a low voltage (0 volts).

How can a computer represent your age?
Fill in the boxes below so that the equation is correct.

\[(\square \times 16) + (\square \times 8) + (\square \times 4) + (\square \times 2) + (\square \times 1) = \square\]

Did you notice that you are adding numbers that are a power (or multiple) of 2? The power tells you how many times to multiply 2 with itself. This is why these numbers are called binary numbers.