MATH Mind-Builders

1 What number goes in the box to make the equation true? Tell how you solved for the missing number.

$$7 + \square = 16 - 3$$

2 Draw two different shapes that each have four sides. Write the name for each shape. Then tell something they have in common other than the number of sides.

3 Hazel, Jett, and Casper count their Halloween treats. Hazel has one hundred seventy-eight treats. Jett has two hundred seven treats. Casper has one hundred eighty-seven treats. Write each treat amount as a number. Circle the largest number. Underline the smallest.

4 Luis solved 38 + 40 by adding 30 + 40 + 8. Will this strategy work? Why or why not?

5 Ella needs 30 minutes to put her costume on. If she wants to leave for the Halloween parade at 4:30 PM, what is the latest time she can start putting on her costume?

It turns out Ella didn't start putting on her costume until 4:10. If it took her 30 minutes to get dressed, what time did she leave for the parade?

6 Ms. Webb's class made ten bags of popcorn for the fall festival. If each bag weighs 5 pounds, how many pounds of popcorn did the class make?

7 There are 18 ears of corn. If you put 3 ears on each plate, how many plates will you fill? Show your work with pictures.

8 How is a *factor* like an *addend*? How are they different?

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