



## Story Problems page 1 of 3

Solve each problem. Use the standard multiplication algorithm for two problems and any strategy you choose for the rest. Show your work. Explain your choice of strategy.

- 1 Connor is trying to drive his car less frequently. He started by figuring out how much he drives in a typical year. If Connor drives about 98 miles each week, how much does he drive in one year (52 weeks)?

Solve the problem:

What strategy did you use? Why?

- 2 Taylor has a cupcake business. She packages cupcakes in cartons that hold 25 cupcakes. The Wildwood School ordered 184 cartons of Taylor's cupcakes. How many cupcakes did the Wildwood School order?

Solve the problem:

What strategy did you use? Why?

*(continued on next page)*

NAME \_\_\_\_\_

DATE \_\_\_\_\_

**Story Problems** page 2 of 3

- 3** Victoria signed up for a two-year cell phone plan. She will pay \$37.50 a month for 24 months. How much will Victoria have paid at the end of her two-year plan?

Solve the problem:

What strategy did you use? Why?

- 4** Aaron wants to visit Australia. He found a plane ticket for \$2,150. If Aaron saves \$86 a week, how many weeks will it take him to save enough money to go to Australia?

Solve the problem:

What strategy did you use? Why?

- 5** Tina's family drinks about 128 ounces of milk in one week. How many ounces of milk do they drink in 36 weeks?

Solve the problem:

What strategy did you use? Why?

*(continued on next page)*

## Story Problems page 3 of 3

- 6 Max is building a cage for his ducks. The base of the cage is 208 square feet. If one side is 13 feet, how long is the other side? The cage is a rectangular prism.

Solve the problem:

What strategy did you use? Why?

- 7 Zoe is saving money to go on a trip to Mexico. She earns \$16.75 for mowing the lawn. If Zoe mows the lawn 28 times, how much money will she earn?

Solve the problem:

What strategy did you use? Why?

- 8 Briana is making a box for her art supplies. The box has a base of 176 square inches. The height of the box is 26 inches. What is the volume of the box?

Solve the problem:

What strategy did you use? Why?