

## WORD PROBLEMS

Word problems help develop thinking skills in general and math skills in particular. Write an equation with an answer, write the answer in the context of the question, and include a brief explanation for each answer. *Some questions can be answered with more than one equation; some questions cannot be answered with an equation; some questions have more than one acceptable answer.*

Example: Christopher made three trips to the store and back. The store is two miles from his house. How far did he walk?

**$3 \times 2 \times 2 = 12$ ; Christopher walked 12 miles because each trip was two miles out and two miles back, and he made three trips.**

### 1. Menu

- hot dog --- \$1.25
- orange drink-\$ .75
- chips -----\$ .55
- popcorn -----\$ .45

Lauren bought two hot dogs, a bag of popcorn, and an orange drink. How much did she spend?

2. John finished a bicycle race in second place. The first four people crossed the finish line at: one-twenty, a quarter after one, five minutes to one and 1:07. What time did John cross the finish line?

3. How much dirt is in a hole 4 feet deep and 2 feet wide?

4. Rachel, Hannah, Zachary, and Justin shared a pizza for lunch. Rachel had  $\frac{3}{8}$  of the pizza, Hannah had  $\frac{1}{4}$  of the pizza, and Zachary had  $\frac{1}{8}$  of the pizza. How much pizza was left over for Justin?

5. Anthony saw thirteen witches, nine ghosts, and seventeen vampires at the costume party. How many scary things did he see in all?

6. Alexis has twenty-three balloons. Courtney has nine fewer balloons than Alexis. How many does Courtney have?