

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. Robert went to the store with \$10.00. He bought a notebook, three pencils and two erasers. He came home with \$2.89. How much money did he spend?
2. There are pictures of dogs in two overlapping circles. There are twenty dogs in circle A, and nineteen dogs in circle B. Nine of the dogs are in both circles A and B. How many dogs are in the circles altogether?
3. Victoria wants to get to school 20 minutes early. School starts at half-past eight. She got there at a quarter after eight. Was she as early as she wanted to be?
4. Two boxers are in a boxing match (regular boxing, not kick boxing). The fight is scheduled for 12 rounds but ends after 6 rounds, after one boxer knocks out the other boxer. Yet no man threw a punch. How is this possible?
5. Jonathan gets an allowance of \$3.00 a week. His mother gave him a \$.65 advance on next week's allowance. How much money will he get next week?
6. Alyssa's bank has \$2.55 in nickels and dimes. If the bank has twenty-one dimes, how many nickels does it have?