

Name _____

Algebra Word Problems



1. There are some cats and dogs. If there are 5 more cats than dogs, and the total number of pets is 12, how many cats and dogs are there?
2. Apples cost \$0.50 each and oranges cost \$0.75 each. Tom buys 3 apples and 4 oranges and pays \$4.25 in total. How much money does he have left?
3. In a basketball game, Team A scored 10 points in the first quarter and increased their score by 5 points in each subsequent quarter. If they scored a total of 40 points, how many quarters did the game last?
4. Emily wants to invite 12 friends to her birthday party. She has already invited 7 friends. How many more friends does she need to invite?
5. A pack of pencils costs \$2.50 and a notebook costs \$1.75. Lily buys 3 packs of pencils and 2 notebooks. How much does she spend in total?
6. A train travels at a speed of 60 miles per hour. If it travels for 3 hours, how far does the train go?
7. Sarah has \$15 to spend on movie rentals. Each movie rental costs \$3. How many movies can she rent with her budget?
8. At a toy store, a doll costs \$8 and a toy car costs \$5. Sam wants to buy 2 dolls and 3 toy cars. How much money does he need?
9. To bake cookies, Emma needs 2 cups of flour and 1 cup of sugar. If she wants to bake 24 cookies, how much flour does she need?
10. Julia has a rectangular garden with a length of 8 feet and a width of 5 feet. If she wants to plant flowers in the entire garden, how many square feet of flowers does she need?

