

Word Problems

ANSWER KEY

1.) Sarah went shopping for school supplies. She spent \$25 on notebooks, \$15 on pencils, and \$10 on erasers. If she had \$100 to begin with, how much money does she have left after shopping?

\$50

2.) Emma is baking cookies and needs 2 cups of flour, 1 cup of sugar, and 0.5 cups of chocolate chips. If she only has $\frac{3}{4}$ cup of sugar and needs to make 3 batches of cookies, how much flour and chocolate chips does she need?

6 cups of flour and 1.5 cups of chocolate chips

3.) Alex is driving from City A to City B, a distance of 300 miles. He drives at a speed of 60 mph for the first 2 hours and then increases his speed to 70 mph for the remaining distance. How long does the entire trip take?

4.57 hours

4.) In a classroom, there are 24 students seated in rows. Each row has 6 seats. If there are 4 rows in total, but one row is empty, how many students are in the classroom?

18 students

5.) Tom is planning a birthday party for his sister. He needs to buy 3 balloons for every 2 guests and wants to invite 20 guests. How many balloons does he need to buy?

30 balloons

6.) Emily is going on a trip. She spends \$50 on gas, \$100 on accommodation, and \$30 on food. If she planned to spend a total of \$250, how much money does she have left?

\$70

7.) John wants to plant flowers in his garden. He has a rectangular garden with a length of 10 feet and a width of 6 feet. Each flower needs 0.5 square feet of space. How many flowers can he plant?

120 flowers

8.) In a math test, Sarah scored 80%, Alex scored 75%, and Emily scored 85%. If the test had a total of 100 points, how many points did each student score?

Sarah= 80 points Alex= 75 points Emily= 85 points

