

Multi Step Problems

(Grade-5)

Solve the following:

1. Amy has 3 times as many stickers as Sarah. Sarah has 24 stickers. If Amy gives 18 stickers to her friend and then buys 15 more, how many stickers does Amy have now?
2. A rectangular garden is 18 meters long and 12 meters wide. If Maria wants to put a fence around the garden and the cost of the fence is \$5 per meter, how much will she spend in total?
3. There are 56 students in a school assembly. The students are seated in rows, and there are 8 students in each row. If 7 more rows are added, how many students will be in the assembly?
4. There are 240 students in a school. If $\frac{3}{5}$ of the students participate in a science fair, and each group has 4 students, how many groups are there in the science fair?
5. A bookshelf has 5 shelves. On each shelf, there are 32 books. If $\frac{3}{4}$ of the books are fiction, how many fiction books are there in total?
6. A car travels at a speed of 60 miles per hour. How far will it travel in 2.5 hours?
7. Jenny is planning a road trip from City A to City B. She will be driving at an average speed of 60 miles per hour. The total distance between the two cities is 300 miles. She plans to take two breaks during the trip. Each break will last for 30 minutes. How long will it take her to reach City B, including the breaks?
8. Mary buys 3 packs of pencils. Each pack contains 12 pencils. If she already has 7 pencils, how many pencils does she have in total?
9. A cake is cut into 8 equal pieces. If Paul eats 3 pieces, what fraction of the cake is left?
10. A recipe calls for $\frac{2}{3}$ cup of sugar. If you want to make 4 times the recipe, how much sugar do you need?