Multi-Step Word Problems · Grade 4

Every problem has a hidden first step. Find it, then solve.

Name _____ Date _____

Use the 4 boxes on every problem

1. **I KNOW** the numbers and what they count
2. **I NEED** the question in one sentence
3. **MY PLAN** name the hidden step first
4. **MY CHECK** round and estimate

1 A baker made 6 trays of cookies with 24 cookies on each tray. She sold 87 cookies. How many cookies are left?

Answer: _____ cookies

2 Sam has $50. He buys 3 books that cost $12 each. How much money does he have left?

Answer: _____ dollars

3 A farm collected 1,245 eggs on Monday and 1,378 eggs on Tuesday. It sold 1,900 eggs. How many eggs are left?

Answer: _____ eggs

4 A theater has 18 rows with 25 seats in each row. 376 tickets were sold. How many seats are empty?

Answer: _____ seats

5 Maya reads 35 pages each day for 6 days. Her book has 300 pages. How many pages does she still need to read?

Answer: _____ pages

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6 28 students and 4 teachers go on a trip. Each van holds 8 people. How many vans do they need?

Answer: _____ vans

7 Leo buys 4 packs of stickers with 15 stickers in each pack. He gives 23 stickers to his sister. How many stickers does Leo have now?

Answer: _____ stickers

8 A store had 3 boxes of 48 pencils. It sold 65 pencils on Monday and 39 pencils on Tuesday. How many pencils are left?

Answer: _____ pencils

9 Adult tickets cost $9 and child tickets cost $6. A family buys 2 adult tickets and 3 child tickets. They pay with a $50 bill. How much change do they get?

Answer: _____ dollars

10 A bike trail is 1,200 meters long. Ana rides the trail 3 times. Ben rides 2,850 meters. How many more meters does Ana ride than Ben?

Answer: _____ meters

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Answer Key · Multi-Step Word Problems

Each solution names the hidden step first.

1. First, find all the cookies: 6 × 24 = 144. Then 144 − 87 = 57.
   Answer: 57 cookies

2. First, find the cost of the books: 3 × 12 = 36. Then 50 − 36 = 14.
   Answer: 14 dollars

3. First, find all the eggs: 1,245 + 1,378 = 2,623. Then 2,623 − 1,900 = 723.
   Answer: 723 eggs

4. First, find all the seats: 18 × 25 = 450. Then 450 − 376 = 74.
   Answer: 74 seats

5. First, find the pages she read: 35 × 6 = 210. Then 300 − 210 = 90.
   Answer: 90 pages

6. First, find all the people: 28 + 4 = 32. Then 32 ÷ 8 = 4.
   Answer: 4 vans

7. First, find all the stickers: 4 × 15 = 60. Then 60 − 23 = 37.
   Answer: 37 stickers

8. First, find all the pencils: 3 × 48 = 144. Then 144 − 65 − 39 = 40.
   Answer: 40 pencils

9. First, find the cost: 2 × 9 = 18 and 3 × 6 = 18, so 18 + 18 = 36. Then 50 − 36 = 14.
   Answer: 14 dollars

10. First, find Ana's distance: 3 × 1,200 = 3,600. Then 3,600 − 2,850 = 750.
    Answer: 750 meters

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