

One-Step Word Problems

Name: _____

Date: _____

Score: _____ / 24

Q Quick Review

A **word problem** tells a little story with numbers. Your job is to figure out what the story is asking. First, read it carefully and picture what is happening. When something is **joined** or **added**, you **add**. When something is **taken away**, **eaten**, or **given away**, you **subtract**. Look for words like *in all*, *altogether*, *left*, and *how many more*. A **one-step** problem needs just one operation to solve.

◇ **Example:** There are 9 ducks in a pond. Then 7 more ducks join them. How many ducks are in the pond now?
 ⇒ Let's picture the story. We start with 9 ducks, and 7 more come to join them. The word *join* tells us the group is getting bigger, so we add. Count up: $9 + 7 = 16$. There are 16 ducks in the pond now.

Answer: 16 ducks

PRACTICE

Read each word problem and solve it with one step.

- Mia had 8 apples and ate 3. How many are left?

- Sam has 6 red cars and 5 blue cars. How many cars in all? _____
- There are 12 birds. Then 4 fly away. How many stay?

- Ava read 7 books, then read 6 more. How many books total? _____
- A box had 15 crayons. Leo took 9. How many are left?

- Maya picked 10 flowers and then 8 more. How many in all? _____
- There were 14 cookies. The class ate 6. How many are left? _____
- Ben had 9 marbles and won 9 more. How many does he have? _____
- 20 kids were on the bus. Then 7 got off. How many remain? _____
- Lily has 13 stickers. Her friend gives her 5. How many now? _____
- A tree had 16 leaves. Then 8 fell off. How many are left? _____
- Tom scored 11 points, then scored 9 more. What is his total? _____
- There are 17 grapes. Zoe eats 8. How many grapes are left? _____
- A pond has 6 frogs. Then 7 more hop in. How many frogs now? _____
- Eli had 18 pencils and gave away 9. How many are left? _____
- The shelf had 12 books. Mr. Lee adds 8 more. How many in all? _____
- There were 15 balloons. Then 7 popped. How many are left? _____
- Nina has 9 shells and finds 8 more. How many shells now? _____
- A jar had 14 candies. Max ate 5. How many candies remain? _____
- Kai had 13 toy blocks and got 7 more. How many blocks in all? _____

◆ Word Problems

- On Monday, a bakery sold 24 muffins. On Tuesday, it sold 18 more muffins. How many muffins did the bakery sell on both days altogether? _____
- A toy store had 50 teddy bears on a shelf. During a sale, 23 of the teddy bears were bought. How many teddy bears are still on the shelf? _____



23. Grace counted 36 cars in the parking lot in the morning. By lunchtime, 15 more cars had parked there. How many cars were in the lot at lunchtime? _____

24. A library had 80 books on the cart. Students checked out 46 of those books. How many books are left on the cart? _____



Answer Keys

- | | |
|--------|--------------------|
| 1. 5 | 13. 9 |
| 2. 11 | 14. 13 |
| 3. 8 | 15. 9 |
| 4. 13 | 16. 20 |
| 5. 6 | 17. 8 |
| 6. 18 | 18. 17 |
| 7. 8 | 19. 9 |
| 8. 18 | 20. 20 |
| 9. 13 | 21. 42 muffins |
| 10. 18 | 22. 27 teddy bears |
| 11. 8 | 23. 51 cars |
| 12. 20 | 24. 34 books |

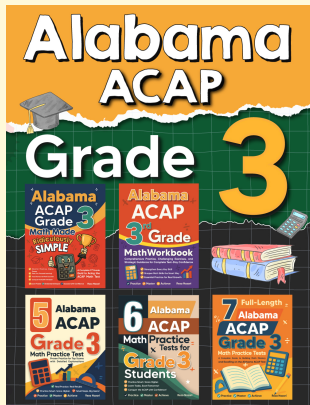
Step-by-Step Explanations

- | | |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| 1. She took 3 away, so $8 - 3 = 5$ apples are left. | 15. He gave away 9, so $18 - 9 = 9$ pencils are left. |
| 2. Put both groups together: $6 + 5 = 11$ cars. | 16. Join the groups: $12 + 8 = 20$ books. |
| 3. 4 flew off, so $12 - 4 = 8$ birds stay. | 17. 7 popped, so $15 - 7 = 8$ balloons are left. |
| 4. Add the two amounts: $7 + 6 = 13$ books. | 18. She found 8 more, so $9 + 8 = 17$ shells. |
| 5. He took 9 away, so $15 - 9 = 6$ crayons remain. | 19. He ate 5, so $14 - 5 = 9$ candies remain. |
| 6. Join the groups: $10 + 8 = 18$ flowers. | 20. Add them up: $13 + 7 = 20$ blocks. |
| 7. 6 were eaten, so $14 - 6 = 8$ cookies are left. | 21. The word <i>altogether</i> tells us to add. Count up the two days: $24 + 18 = 42$ muffins. |
| 8. He gained 9 more, so $9 + 9 = 18$ marbles. | 22. The bears were bought, so they were taken away. Subtract: $50 - 23 = 27$ teddy bears are still on the shelf. |
| 9. 7 got off, so $20 - 7 = 13$ kids remain. | 23. More cars joined the lot, so we add: $36 + 15 = 51$ cars were there at lunchtime. |
| 10. She got 5 more, so $13 + 5 = 18$ stickers. | 24. The books were checked out, so they were taken away. Subtract: $80 - 46 = 34$ books are left. |
| 11. 8 fell off, so $16 - 8 = 8$ leaves are left. | |
| 12. Add the points: $11 + 9 = 20$ points. | |
| 13. She ate 8, so $17 - 8 = 9$ grapes are left. | |
| 14. More hopped in, so $6 + 7 = 13$ frogs. | |



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