

Multiplicative Comparison and Multistep Word Problems

Grade 4 · Ages 9-10 · Math · Arithmetic · ★★

Solve each comparison problem. Write the number sentence and the answer on the line.

1. Aarav has 9 seeds. Arjun has 3 times as many seeds as Aarav. How many seeds does Arjun have?

2. A class library has 10 oranges. The school library has 2 times as many oranges. How many oranges does the school library have?

3. Fatima plants 3 shells. Kenji plants 5 times as many shells. How many shells does Kenji plant?

4. Liam has 3 plants. Kofi has 4 times as many plants as Liam. How many plants does Kofi have?

5. A class library has 4 books. The school library has 4 times as many books. How many books does the school library have?

6. Sofia plants 3 bottles. Jamal plants 3 times as many bottles. How many bottles does Jamal plant?

7. Tomas has 12 balls. Mei has 3 times as many balls as Tomas. How many balls does Mei have?

- 8.** A class library has 7 stickers. The school library has 4 times as many stickers. How many stickers does the school library have?

- 9.** Bao plants 9 cards. Lena plants 6 times as many cards. How many cards does Lena plant?

- 10.** Ola has 4 apples. Chloe has 6 times as many apples as Ola. How many apples does Chloe have?

- 11.** The top shelf holds 184 cups, 8 times as many as the bottom shelf. How many cups does the bottom shelf hold?

- 12.** A small park has 9 pencils. A big park has 27 pencils. How many times as many pencils does the big park have?

- 13.** Leila has 76 beads. That is 4 times as many beads as Ravi has. How many beads does Ravi have?

- 14.** Noah reads 22 pages. Yuki reads 176 pages. How many times as many pages does Yuki read?

- 15.** A small park has 23 cookies. A big park has 207 cookies. How many times as many cookies does the big park have?

16. Rohan has 98 buns. That is 7 times as many buns as Nia has. How many buns does Nia have?

17. Sana reads 4 pages. Ayesha reads 24 pages. How many times as many pages does Ayesha read?

18. Sam collects 161 muffins, which is 7 times as many as Lin collects. How many muffins does Lin collect?

19. Priya has 22 mangoes. Kai has 154 mangoes. How many times as many mangoes does Kai have as Priya?

20. The top shelf holds 30 tiles, 5 times as many as the bottom shelf. How many tiles does the bottom shelf hold?

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1. Aarav has 9 seeds. Arjun has 3 times as many seeds as Aarav. How many seeds does Arjun have?

Answer: $9 \times 3 = 27$

2. A class library has 10 oranges. The school library has 2 times as many oranges. How many oranges does the school library have?

Answer: $10 \times 2 = 20$

3. Fatima plants 3 shells. Kenji plants 5 times as many shells. How many shells does Kenji plant?

Answer: $3 \times 5 = 15$

4. Liam has 3 plants. Kofi has 4 times as many plants as Liam. How many plants does Kofi have?

Answer: $3 \times 4 = 12$

5. A class library has 4 books. The school library has 4 times as many books. How many books does the school library have?

Answer: $4 \times 4 = 16$

6. Sofia plants 3 bottles. Jamal plants 3 times as many bottles. How many bottles does Jamal plant?

Answer: $3 \times 3 = 9$

7. Tomas has 12 balls. Mei has 3 times as many balls as Tomas. How many balls does Mei have?

Answer: $12 \times 3 = 36$

8. A class library has 7 stickers. The school library has 4 times as many stickers. How many stickers does the school library have?

Answer: $7 \times 4 = 28$

9. Bao plants 9 cards. Lena plants 6 times as many cards. How many cards does Lena plant?

Answer: $9 \times 6 = 54$

10. Ola has 4 apples. Chloe has 6 times as many apples as Ola. How many apples does Chloe have?

Answer: $4 \times 6 = 24$

11. The top shelf holds 184 cups, 8 times as many as the bottom shelf. How many cups does the bottom shelf hold?

Answer: $184 \div 8 = 23$

12. A small park has 9 pencils. A big park has 27 pencils. How many times as many pencils does the big park have?

Answer: $27 \div 9 = 3$

13. Leila has 76 beads. That is 4 times as many beads as Ravi has. How many beads does Ravi have?

Answer: $76 \div 4 = 19$

14. Noah reads 22 pages. Yuki reads 176 pages. How many times as many pages does Yuki read?

Answer: $176 \div 22 = 8$

15. A small park has 23 cookies. A big park has 207 cookies. How many times as many cookies does the big park have?

Answer: $207 \div 23 = 9$

16. Rohan has 98 buns. That is 7 times as many buns as Nia has. How many buns does Nia have?

Answer: $98 \div 7 = 14$

17. Sana reads 4 pages. Ayesha reads 24 pages. How many times as many pages does Ayesha read?

Answer: $24 \div 4 = 6$

18. Sam collects 161 muffins, which is 7 times as many as Lin collects. How many muffins does Lin collect?

Answer: $161 \div 7 = 23$

19. Priya has 22 mangoes. Kai has 154 mangoes. How many times as many mangoes does Kai have as Priya?

Answer: $154 \div 22 = 7$

20. The top shelf holds 30 tiles, 5 times as many as the bottom shelf. How many tiles does the bottom shelf hold?

Answer: $30 \div 5 = 6$