

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. Ola plants 12 balls. Liam plants 5 times as many balls. How many balls does Liam plant?

2. Dev has 11 pencils. Ayesha has 3 times as many pencils as Dev. How many pencils does Ayesha have?

3. A class library has 9 buttons. The school library has 4 times as many buttons. How many buttons does the school library have?

4. Priya plants 5 beads. Sana plants 6 times as many beads. How many beads does Sana plant?

5. Lin has 12 photos. Kenji has 4 times as many photos as Lin. How many photos does Kenji have?

6. A class library has 8 cookies. The school library has 5 times as many cookies. How many cookies does the school library have?

7. Hiro plants 6 mangoes. Aarav plants 2 times as many mangoes. How many mangoes does Aarav plant?

8. Rohan has 8 cards. Ishaan has 2 times as many cards as Rohan. How many cards does Ishaan have?

9. A class library has 11 plants. The school library has 6 times as many plants. How many plants does the school library have?

10. Tariq plants 5 stickers. Ananya plants 3 times as many stickers. How many stickers does Ananya plant?

11. Amara has 21 cups. That is 3 times as many cups as Jamal has. How many cups does Jamal have?

12. Kai reads 5 pages. Fatima reads 20 pages. How many times as many pages does Fatima read?

13. Zara has 20 eggs. Diego has 40 eggs. How many times as many eggs does Diego have as Zara?

14. Sam has 90 kites. That is 6 times as many kites as Arjun has. How many kites does Arjun have?

15. Sofia reads 17 pages. Leila reads 85 pages. How many times as many pages does Leila read?

16. The top shelf holds 72 bottles, 3 times as many as the bottom shelf. How many bottles does the bottom shelf hold?

17. Yuki has 30 tiles. That is 3 times as many tiles as Omar has. How many tiles does Omar have?

18. Chloe reads 23 pages. Nadia reads 115 pages. How many times as many pages does Nadia read?

19. Noah has 15 books. Lena has 90 books. How many times as many books does Lena have as Noah?

20. Ravi has 30 chairs. That is 6 times as many chairs as Maya has. How many chairs does Maya have?

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1. Ola plants 12 balls. Liam plants 5 times as many balls. How many balls does Liam plant?

Answer: $12 \times 5 = 60$

2. Dev has 11 pencils. Ayesha has 3 times as many pencils as Dev. How many pencils does Ayesha have?

Answer: $11 \times 3 = 33$

3. A class library has 9 buttons. The school library has 4 times as many buttons. How many buttons does the school library have?

Answer: $9 \times 4 = 36$

4. Priya plants 5 beads. Sana plants 6 times as many beads. How many beads does Sana plant?

Answer: $5 \times 6 = 30$

5. Lin has 12 photos. Kenji has 4 times as many photos as Lin. How many photos does Kenji have?

Answer: $12 \times 4 = 48$

6. A class library has 8 cookies. The school library has 5 times as many cookies. How many cookies does the school library have?

Answer: $8 \times 5 = 40$

7. Hiro plants 6 mangoes. Aarav plants 2 times as many mangoes. How many mangoes does Aarav plant?

Answer: $6 \times 2 = 12$

8. Rohan has 8 cards. Ishaan has 2 times as many cards as Rohan. How many cards does Ishaan have?

Answer: $8 \times 2 = 16$

9. A class library has 11 plants. The school library has 6 times as many plants. How many plants does the school library have?
Answer: $11 \times 6 = 66$
10. Tariq plants 5 stickers. Ananya plants 3 times as many stickers. How many stickers does Ananya plant?
Answer: $5 \times 3 = 15$
11. Amara has 21 cups. That is 3 times as many cups as Jamal has. How many cups does Jamal have?
Answer: $21 \div 3 = 7$
12. Kai reads 5 pages. Fatima reads 20 pages. How many times as many pages does Fatima read?
Answer: $20 \div 5 = 4$
13. Zara has 20 eggs. Diego has 40 eggs. How many times as many eggs does Diego have as Zara?
Answer: $40 \div 20 = 2$
14. Sam has 90 kites. That is 6 times as many kites as Arjun has. How many kites does Arjun have?
Answer: $90 \div 6 = 15$
15. Sofia reads 17 pages. Leila reads 85 pages. How many times as many pages does Leila read?
Answer: $85 \div 17 = 5$
16. The top shelf holds 72 bottles, 3 times as many as the bottom shelf. How many bottles does the bottom shelf hold?
Answer: $72 \div 3 = 24$

17. Yuki has 30 tiles. That is 3 times as many tiles as Omar has. How many tiles does Omar have?

Answer: $30 \div 3 = 10$

18. Chloe reads 23 pages. Nadia reads 115 pages. How many times as many pages does Nadia read?

Answer: $115 \div 23 = 5$

19. Noah has 15 books. Lena has 90 books. How many times as many books does Lena have as Noah?

Answer: $90 \div 15 = 6$

20. Ravi has 30 chairs. That is 6 times as many chairs as Maya has. How many chairs does Maya have?

Answer: $30 \div 6 = 5$