

Multiplicative Comparison and Multistep Word Problems

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

Solve each problem in two steps. Write both number sentences and the final answer on the line.

1. A box holds 10 pencils. A crate holds 5 boxes. How many pencils are in 7 crates?

2. A book has 1,205 pages. Sana reads 9 pages a day for 4 days. How many pages are left to read?

3. A floor has 39 rows of 22 tiles, and 41 more tiles are added along the edge. How many tiles are there in all?

4. A library has 3 shelves with 19 books on each shelf. 34 books are on loan. How many books are on the shelves?

5. A book has 138 pages. Jamal reads 14 pages a day for 7 days. How many pages are left to read?

6. A floor has 6 rows of 37 tiles, and 6 more tiles are added along the edge. How many tiles are there in all?

7. A library has 12 shelves with 16 books on each shelf. 112 books are on loan. How many books are on the shelves?

8. A tray holds 11 rows of 10 apples. How many apples are on 4 trays?

9. There are 210 buttons shared equally among 7 children. Then each child gets 19 more. How many buttons does each child have now?

10. A van carries 8 cookies on each trip. There are 267 cookies to move. How many full trips can the van make?

11. A school collects 112 cups on Monday and 92 cups on Tuesday. The cups are packed equally into 6 boxes. How many cups are in each box?

12. Amara has 73 muffins. Amara keeps 23 and shares the rest equally among 5 friends. How many muffins does each friend get?

13. A van carries 11 chairs on each trip. There are 342 chairs to move. How many full trips can the van make?

14. A school collects 114 stickers on Monday and 21 stickers on Tuesday. The stickers are packed equally into 3 boxes. How many stickers are in each box?

15. There are 275 balls shared equally among 5 children. Then each child gets 3 more. How many balls does each child have now?

16. A baker makes 1,337 eggs. 17 are kept for the shop and the rest are packed equally into 8 boxes. How many eggs go in each box?

17. Aarav has 644 tiles. Each box holds 11 tiles. How many full boxes can Aarav fill?

18. Yuki has 243 buns. Yuki keeps 43 and shares the rest equally among 5 friends. How many buns does each friend get?

19. Mateo has 72 kites and Bao has 201 kites. They put them together and share them equally among 7 friends. How many kites does each friend get?

20. Ravi packs 184 bottles equally into 4 bags, then adds 20 more bottles to each bag. How many bottles are in each bag now?

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1. A box holds 10 pencils. A crate holds 5 boxes. How many pencils are in 7 crates?

Answer: $10 \times 5 = 50$; $50 \times 7 = 350$

2. A book has 1,205 pages. Sana reads 9 pages a day for 4 days. How many pages are left to read?

Answer: $4 \times 9 = 36$; $1,205 - 36 = 1,169$

3. A floor has 39 rows of 22 tiles, and 41 more tiles are added along the edge. How many tiles are there in all?

Answer: $39 \times 22 = 858$; $858 + 41 = 899$

4. A library has 3 shelves with 19 books on each shelf. 34 books are on loan. How many books are on the shelves?

Answer: $3 \times 19 = 57$; $57 - 34 = 23$

5. A book has 138 pages. Jamal reads 14 pages a day for 7 days. How many pages are left to read?

Answer: $7 \times 14 = 98$; $138 - 98 = 40$

6. A floor has 6 rows of 37 tiles, and 6 more tiles are added along the edge. How many tiles are there in all?

Answer: $6 \times 37 = 222$; $222 + 6 = 228$

7. A library has 12 shelves with 16 books on each shelf. 112 books are on loan. How many books are on the shelves?

Answer: $12 \times 16 = 192$; $192 - 112 = 80$

8. A tray holds 11 rows of 10 apples. How many apples are on 4 trays?

Answer: $11 \times 10 = 110$; $110 \times 4 = 440$

9. There are 210 buttons shared equally among 7 children. Then each child gets 19 more. How many buttons does each child have now?

Answer: $210 \div 7 = 30$; $30 + 19 = 49$

10. A van carries 8 cookies on each trip. There are 267 cookies to move. How many full trips can the van make?

Answer: $267 \div 8 = 33$ remainder 3; 33 full

11. A school collects 112 cups on Monday and 92 cups on Tuesday. The cups are packed equally into 6 boxes. How many cups are in each box?

Answer: $112 + 92 = 204$; $204 \div 6 = 34$

12. Amara has 73 muffins. Amara keeps 23 and shares the rest equally among 5 friends. How many muffins does each friend get?

Answer: $73 - 23 = 50$; $50 \div 5 = 10$

13. A van carries 11 chairs on each trip. There are 342 chairs to move. How many full trips can the van make?

Answer: $342 \div 11 = 31$ remainder 1; 31 full

14. A school collects 114 stickers on Monday and 21 stickers on Tuesday. The stickers are packed equally into 3 boxes. How many stickers are in each box?

Answer: $114 + 21 = 135$; $135 \div 3 = 45$

15. There are 275 balls shared equally among 5 children. Then each child gets 3 more. How many balls does each child have now?

Answer: $275 \div 5 = 55$; $55 + 3 = 58$

- 16.** A baker makes 1,337 eggs. 17 are kept for the shop and the rest are packed equally into 8 boxes. How many eggs go in each box?
Answer: $1,337 - 17 = 1,320$; $1,320 \div 8 = 165$
- 17.** Aarav has 644 tiles. Each box holds 11 tiles. How many full boxes can Aarav fill?
Answer: $644 \div 11 = 58$ remainder 6; 58 full
- 18.** Yuki has 243 buns. Yuki keeps 43 and shares the rest equally among 5 friends. How many buns does each friend get?
Answer: $243 - 43 = 200$; $200 \div 5 = 40$
- 19.** Mateo has 72 kites and Bao has 201 kites. They put them together and share them equally among 7 friends. How many kites does each friend get?
Answer: $72 + 201 = 273$; $273 \div 7 = 39$
- 20.** Ravi packs 184 bottles equally into 4 bags, then adds 20 more bottles to each bag. How many bottles are in each bag now?
Answer: $184 \div 4 = 46$; $46 + 20 = 66$