



CLASS 5 MATHS · 2026-27

Class 5 Multiplication and Division Worksheet with Remainders

Multiplication to 3-digit by 3-digit, division to 4-digit by 3-digit

88

QUESTIONS

65

MINUTES

8

EXERCISES

This belongs to _____

Date _____

WHAT YOU'LL GET GOOD AT

- Multiply numbers up to three digits by three digits.
- Divide numbers up to four digits by three digits, stating a remainder correctly.
- Choose whether a word problem needs multiplication or division.
- Check a division answer against its multiplication.

Take your time, and have a go at every one. If you get stuck, look at the orange box — Ollie has already done one for you.

Class 5 Multiplication and Division Worksheet with Remainders

Multiplication to 3-digit by 3-digit, division to 4-digit by 3-digit · 88 questions · tick each box as you finish

Exercise 1 of 8 · 12 questions Multiply.



WRITE THE ANSWER

HERE'S ONE DONE FOR YOU

$347 \times 23 \rightarrow$ split 23 into $20 + 3$. $347 \times 20 = 6,940$. $347 \times 3 = 1,041$. Add the two parts: $6,940 + 1,041 = 7,981$. So $347 \times 23 = 7,981$.

1) 234×12

2) 456×23

3) 123×123

4) 305×40

5) 678×15

6) 999×9

7) 250×250

8) 412×21

9) 145×32

10) 999×99

11) 111×111

12) 480×125

Exercise 2 of 8 · 12 questions Divide. Write the quotient and the remainder.

WRITE THE ANSWER

HERE'S ONE DONE FOR YOU

$3,456 \div 214 \rightarrow 214 \times 10 = 2,140$, which leaves room for more. Try $214 \times 16 = 3,424$. Subtract: $3,456 - 3,424 = 32$, and 32 is smaller than 214, so it can't be shared further. Quotient 16, remainder 32.

1) $4,567 \div 123$

2) $9,999 \div 100$

3) $2,345 \div 12$

4) $8,760 \div 235$

5) $999 \div 45$

6) $7,654 \div 321$

7) $5,000 \div 250$

8) $3,210 \div 32$

9) $6,234 \div 89$

10) $8,888 \div 77$

11) $5,005 \div 55$

12) $7,001 \div 233$

Exercise 3 of 8 · 12 questions Choose the correct answer.

CHOOSE THE CORRECT ANSWER

HERE'S ONE DONE FOR YOU

A shop sells pens in packs of 15. How many pens in 12 packs? (a) 180 (b) 170 (c) 190 (d) 160 -> work it out first: $15 \times 12 = 15 \times 10 + 15 \times 2 = 150 + 30 = 180$. Only then check the options - the answer is (a) 180.

1) A packet contains 45 sweets. How many sweets are in 24 packets? (a) 1,080 (b) 1,008 (c) 980 (d) 1,180

2) 3,625 mangoes are packed equally into 25 crates. How many mangoes in each crate? (a) 135 (b) 155 (c) 125 (d) 145

3) A school has 18 classes with 42 students each. How many students in total? (a) 766 (b) 776 (c) 756 (d) 746

4) 4,900 laddus are shared equally among 35 children. How many does each child get? (a) 160 (b) 140 (c) 130 (d) 150

5) A trader has 999 metres of cloth and sells it in pieces of 27 metres. How many complete pieces can he sell, and how much is left? (a) 37 pieces, 0 m left (b) 36 pieces, 27 m left (c) 38 pieces, no cloth left (d) 35 pieces, 54 m left

6) A factory packs 256 biscuits into a box. How many boxes are needed for 8,000 biscuits, and how many biscuits are left over? (a) 31 boxes, 32 left (b) 32 boxes, 0 left (c) 30 boxes, 320 left (d) 31 boxes, 64 left

7) A team scores runs at a steady rate of 8 runs an over. How many runs in 24 overs? (a) 172 (b) 202 (c) 192 (d) 182

8) A train has 12 coaches, each with 78 seats. How many seats does the train have in total? (a) 836 (b) 936 (c) 926 (d) 946

9) A festival sweet box has 36 pieces. How many pieces are in 28 boxes? (a) 1,008 (b) 998 (c) 1,018 (d) 908

10) A school orders 15 boxes of notebooks with 84 notebooks in each box, and already has 60 notebooks left from last year. How many notebooks does it have now? (a) 1,260 (b) 1,200 (c) 1,400 (d) 1,320

11) ₹8,925 is shared equally among 35 students for a picnic. How much does each student get? (a) ₹265, nothing left over (b) ₹255, ₹35 left over (c) ₹255, nothing left over (d) ₹250, ₹175 left over

12) A farmer plants trees in 45 rows with 34 trees in each row. How many trees are there in total? (a) 1,440 (b) 1,530 (c) 1,520 (d) 1,540

Exercise 4 of 8 · 10 questions Find the missing number that makes each statement true. ☐

WRITE THE ANSWER

HERE'S ONE DONE FOR YOU

Find the missing number: $\times 14 = 238$ -> multiplication and division undo each other, so divide instead of multiplying: $= 238 \div 14 = 17$. Check: $17 \times 14 = 238$. Correct.

1) Find the missing number: $\times 12 = 156$ 2) Find the missing number: $23 \times = 483$ 3) Find the missing number: $672 \div = 24$ 4) Find the missing number: $\div 15 = 34$ 5) Find the missing number: $45 \times = 990$ 6) Find the missing number: $\times 18 = 396$ 7) Find the missing number: $864 \div = 36$ 8) Find the missing number: $\div 22 = 41$ 9) Find the missing number: $27 \times = 621$ 10) Find the missing number: $\times 33 = 924$

Exercise 5 of 8 · 10 questions Find the mistake in each child's working, and write the correct answer.

WRITE THE ANSWER

HERE'S ONE DONE FOR YOU

Question: A student divides $620 \div 40$ and writes 'quotient 15, remainder 20'. Is this right? -> Check by multiplying: $40 \times 15 = 600$, and $600 + 20 = 620$, so it does match. But the remainder, 20, must also be smaller than the divisor, 40 - it is, so this answer is actually correct. Always do both checks: the multiplication must match, and the remainder must be smaller than the divisor.

1) Sana multiplies 234×12 . She works out $234 \times 10 = 2,340$ and $234 \times 2 = 468$, but adds them as 2,708. Find her mistake and give the correct answer.

2) A student divides $5,000 \div 250$ and writes '- quotient 22, remainder 0'. Check this and correct it if needed.

3) A student divides $999 \div 45$ and writes 'quotient 20, remainder 99'. What is wrong with this answer?

4) A student divides $4,567 \div 123$ and writes '- quotient 37, remainder 26'. Check this by multiplying back, and correct it if needed.

5) A student multiplies 305×40 and writes the answer as 1,220. Find the mistake and give the correct answer.

6) A student multiplies 999×9 and writes the answer as 8,901. Find the mistake and give the correct answer.

7) A student divides $8,760 \div 235$ and writes '- quotient 36, remainder 300'. What is wrong with this answer?

8) A student multiplies 123×123 and writes the answer as 14,529. Find the mistake and give the correct answer.

9) Rahul solves $\times 15 = 345$ by writing $= 345 + 15 = 360$. What operation should he have used instead, and what is the correct answer?

10) A student says the remainder of $3,210 \div 32$ is -2. Can a remainder be negative? Give the correct answer.

Exercise 6 of 8 · 12 questions Solve each word problem. Show your working.

WRITE THE ANSWER

HERE'S ONE DONE FOR YOU

A hall has 15 rows with 20 chairs each. If 84 chairs are removed for a stage, how many chairs remain? -> First multiply: $15 \times 20 = 300$. Then subtract: $300 - 84 = 216$. So 216 chairs remain.

1) A cinema has 24 rows with 18 seats each. If 89 seats are empty, how many are filled?

2) Meera buys 8 notebooks at ₹45 each and a geometry box for ₹120. How much does she spend in total?

3) A factory packs biscuits into boxes of 24. It has 5,000 biscuits. How many full boxes can it make, and how many biscuits are left over?

4) A cricket team scored 6 runs an over for the first 30 overs, then 9 runs an over for the last 20 overs. What was the team's total score?

5) A sweet shop makes laddus in trays of 48. It needs 20 full trays for a wedding order and 15 more laddus for a smaller order. How many laddus does it need in total?

6) A train has 9 coaches with 72 seats each. On a journey, 615 seats are booked. How many seats remain empty?

7) A shopkeeper buys 125 kg of rice at ₹42 per kg. How much does he pay in total?

8) 500 mangoes are packed into crates of 25. How many crates are needed?

9) A school has 18 classes with 42 students in each class, and 7 students are on leave today. How many students are present in school today?

10) A farmer marks fence posts every 6 metres along a 234-metre boundary, starting at one corner. How many 6-metre gaps are there along the boundary?

11) A community hall arranges chairs in 34 rows of 26 chairs for a wedding, then adds 3 more rows of 26 chairs. How many chairs in total?

12) A stationery shop sells pencils in packs of 12 at ₹6 per pack. How much would 45 packs cost in total?

Exercise 7 of 8 · 10 questions Answer each question, showing the multiplication check where asked.

WRITE THE ANSWER

HERE'S ONE DONE FOR YOU

Check whether $512 \div 15 = 34$ remainder 2 is correct. -> Multiply the quotient by the divisor: $15 \times 34 = 510$. Add the remainder: $510 + 2 = 512$, which matches the dividend, and 2 is smaller than 15. The division is correct.

1) A division problem: $4,567 \div 123 = 37$ remainder 16. Check this by multiplying, and show whether it is correct.

2) Check whether $9,999 \div 100 = 99$ remainder 99 is correct, showing your multiplication check.

3) A friend says the remainder in a division can be equal to or bigger than the divisor, as long as the quotient is right. Is this true? Explain using $999 \div 45$.

4) Check whether $7,654 \div 321 = 23$ remainder 271 is correct.

5) A student divided $3,210 \div 32$ and got quotient 100, remainder 10. Check this using multiplication, and confirm whether the remainder is valid.

6) Explain in one sentence why a remainder can never be equal to or larger than the divisor.

7) A division gives quotient 45 and remainder 0. What does a remainder of 0 tell you about the division?

8) Check whether $8,760 \div 235 = 37$ remainder 65 is correct.

9) A student says multiplication and division 'undo' each other, so 456×23 can be checked by dividing the answer by 23. What should the result of that check be?

10) Without dividing, how can you tell that $4,900 \div 35$ will leave no remainder?

Exercise 8 of 8 · 10 questions These questions work backward from the quotient and remainder, or combine two steps. Take your time. ☐

WRITE THE ANSWER

HERE'S ONE DONE FOR YOU

The divisor is 60, the quotient is 44, and the remainder is 17. What is the dividend? -> Work backward: multiply the divisor by the quotient, then add the remainder. $60 \times 44 = 2,640$, and $2,640 + 17 = 2,657$. The dividend is 2,657.

1) A number multiplied by 45 gives 20,925. What is the number?

2) One factor is 123 and the product of two 3-digit numbers is 39,483. What is the other factor?

3) The divisor is 156, the quotient is 27, and the remainder is 14. What is the dividend?

4) A division is exact (no remainder). The dividend is 8,000 and the divisor is 250. What is the quotient?

5) The quotient is 34, the remainder is 19, and the divisor is 128. What is the dividend?

6) A number, when divided by 45, gives a quotient of 88 and a remainder of 12. What is the number?

7) A shopkeeper packs 3,528 pens into boxes of 24 each, then sells 85 of those boxes. How many pens are left unsold?

8) A stadium has 125 rows with 84 seats each. If 9,850 seats are filled, how many seats are empty?

9) A number is divided by 233 to give a quotient of 42 and a remainder of 187. What is the number?

10) Find the product of the greatest 3-digit number and the smallest 3-digit number.

**All done? How did that feel?**

Colour in a star. Three stars means you could teach it to someone else.



Tricky · Getting there · Easy now



Answer key

For grown-ups

Class 5 Multiplication and Division Worksheet with Remainders · keep this page back until your child has finished.

1. Multiply.

- 1) 2,808
- 2) 10,488
- 3) 15,129
- 4) 12,200
- 5) 10,170
- 6) 8,991
- 7) 62,500
- 8) 8,652
- 9) 4,640
- 10) 98,901
- 11) 12,321
- 12) 60,000

2. Divide. Write the quotient and the remainder.

- 1) Quotient 37, remainder 16
- 2) Quotient 99, remainder 99
- 3) Quotient 195, remainder 5
- 4) Quotient 37, remainder 65
- 5) Quotient 22, remainder 9
- 6) Quotient 23, remainder 271
- 7) Quotient 20, remainder 0
- 8) Quotient 100, remainder 10
- 9) Quotient 70, remainder 4
- 10) Quotient 115, remainder 33
- 11) Quotient 91, remainder 0
- 12) Quotient 30, remainder 11

3. Choose the correct answer.

- 1) (a) 1,080
- 2) (d) 145
- 3) (c) 756
- 4) (b) 140
- 5) (a) 37 pieces, 0 m left
- 6) (d) 31 boxes, 64 left
- 7) (c) 192
- 8) (b) 936
- 9) (a) 1,008
- 10) (d) 1,320
- 11) (c) ₹255, nothing left over
- 12) (b) 1,530

4. Find the missing number that makes each statement true.

- 1) 13
- 2) 21
- 3) 28
- 4) 510
- 5) 22
- 6) 22
- 7) 24
- 8) 902
- 9) 23
- 10) 28

5. Find the mistake in each child's working, and write the correct answer.

- 1) $2,340 + 468 = 2,808$, not $2,708$ - she added incorrectly. The correct answer is $2,808$.
- 2) $250 \times 22 = 5,500$, not $5,000$, so the quotient is wrong. The correct answer is quotient 20, remainder 0.
- 3) A remainder can never be equal to or larger than the divisor - 99 is bigger than 45. The correct answer is quotient 22, remainder 9.
- 4) $123 \times 37 = 4,551$, and $4,567 - 4,551 = 16$, not 26. The correct remainder is 16.
- 5) She multiplied 305×4 but forgot to shift the digits one place left for the extra zero in 40. The correct answer is 12,200.
- 6) This is a table-fact slip. The correct answer is 8,991.
- 7) The remainder, 300, is larger than the divisor, 235 - that means another 235 could still be taken out. The correct answer is quotient 37, remainder 65.
- 8) This is a multiplication slip. The correct answer is 15,129.
- 9) To undo multiplication he should divide, not add: $= 345 \div 15 = 23$.
- 10) No, a remainder is never negative. The correct answer is quotient 100, remainder 10.

6. Solve each word problem. Show your working.

- 1) 343
- 2) ₹480
- 3) 208 full boxes, 8 biscuits left over
- 4) 360 runs
- 5) 975 laddus
- 6) 33 seats
- 7) ₹5,250
- 8) 20 crates
- 9) 749 students
- 10) 39 gaps
- 11) 962 chairs
- 12) ₹270

7. Answer each question, showing the multiplication check where asked.

- 1) $123 \times 37 = 4,551$, and $4,551 + 16 = 4,567$, which matches 4,567. The division is correct.
- 2) $100 \times 99 = 9,900$, and $9,900 + 99 = 9,999$, which matches 9,999. The division is correct.
- 3) No. $999 \div 45$ gives quotient 22 and remainder 9, and 9 is smaller than 45. If the remainder were 45 or more, another whole 45 could still be taken out, so the quotient would need to be bigger.
- 4) $321 \times 23 = 7,383$, and $7,383 + 271 = 7,654$, which matches 7,654. The division is correct.
- 5) $32 \times 100 = 3,200$, and $3,200 + 10 = 3,210$, which matches. The remainder, 10, is also smaller than the divisor, 32, so the answer is valid.
- 6) If the remainder were equal to or larger than the divisor, one more full group could still be taken out, so the quotient would need to be bigger.
- 7) It tells you the dividend divides exactly (evenly) into the divisor, with nothing left over.
- 8) $235 \times 37 = 8,695$, and $8,695 + 65 = 8,760$, which matches 8,760. The division is correct.
- 9) $456 \times 23 = 10,488$. Dividing 10,488 by 23 should give back 456 exactly - and it does, confirming the multiplication is correct.
- 10) $35 \times 14 = 490$, so $35 \times 140 = 4,900$, which is exactly 4,900 - so the division leaves no remainder.

8. These questions work backward from the quotient and remainder, or combine two steps. Take your time.

- 1) 465
- 2) 321
- 3) 4,226
- 4) 32
- 5) 4,371
- 6) 3,972
- 7) 1,488
- 8) 650
- 9) 9,973
- 10) 99,900

WHILE YOUR CHILD WORKS

- A remainder of zero is still worth writing down - some children skip stating it when it happens to come out exact.
- If long multiplication is shaky, revisit the column method from Class 4 before this worksheet rather than during it.
- The multiple-choice exercise works well as a quick five-minute check on its own, separate from the full worksheet.

**Spotted a gap while marking?**

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