

The Four Operations

Mathematics · Class 4 · Topic-wise Practice Worksheet

TIME 40 minutes	QUESTIONS 15	TOTAL MARKS 21	MAX. SCORE ___ / 21
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Name: _____ Class/Sec: _____ Date: _____

INSTRUCTIONS

- There are **15 questions** in this worksheet. All questions are compulsory.
- Each question has four options (A), (B), (C) and (D). Exactly **one** option is correct.
- Questions 1–12 carry **1 mark** each. Questions 13–15 (Achievers Section) carry **3 marks** each.
- There is no negative marking. Use of a calculator is **not** allowed.
- Rough work may be done in the space at the side of each page.

Section A — Mathematical Reasoning

Q1–Q8 · 1 mark each

- $4,589 + 3,746 =$ _____
 (A) 8,335 (B) 8,325
 (C) 8,235 (D) 7,335
- $6,000 - 2,458 =$ _____
 (A) 3,642 (B) 3,552
 (C) 4,542 (D) 3,542
- $236 \times 4 =$ _____
 (A) 844 (B) 924
 (C) 944 (D) 964
- $504 \div 8 =$ _____
 (A) 58 (B) 63
 (C) 68 (D) 73
- Which of these is a **prime** number?
 (A) 9 (B) 15
 (C) 17 (D) 21
- Find the value of $24 \div 6 + 5 \times 2$.
 (A) 9 (B) 13
 (C) 14 (D) 18
- Any number multiplied by 0 gives _____.
 (A) 0 (B) The number itself
 (C) 1 (D) Cannot be found
- What is the remainder when 137 is divided by 5?
 (A) 1 (B) 2
 (C) 3 (D) 4

9. A shop sold 1,245 pens in January, 1,860 in February and 975 in March. How many pens were sold in all?
- (A) 3,980 (B) 4,280
(C) 4,180 (D) 4,080
10. A cinema hall has 48 rows with 36 seats in each row. How many seats are there in all?
- (A) 1,728 (B) 1,628
(C) 1,748 (D) 1,828
11. 1,500 sweets are packed equally into 25 boxes. How many sweets are in each box?
- (A) 50 (B) 60
(C) 70 (D) 75
12. Neha bought 6 books at ₹145 each. She gave the shopkeeper ₹1,000. How much change did she get?
- (A) ₹120 (B) ₹870
(C) ₹140 (D) ₹130

Achievers Section

Q13–Q15 · 3 marks each

13. A school collected ₹18,750 for a charity. It spent ₹6,480 on books and ₹4,325 on stationery. How much money is left?
- (A) ₹7,955 (B) ₹7,945
(C) ₹8,045 (D) ₹10,805
14. A tank holds 3,600 litres of water. It is emptied equally into drums of 45 litres each. How many drums are needed?
- (A) 70 (B) 75
(C) 80 (D) 90
15. A number when divided by 12 gives a quotient of 25 and a remainder of 7. What is the number?
- (A) 300 (B) 307
(C) 312 (D) 319

Answer Key

1	A	2	D	3	C	4	B	5	C
6	C	7	A	8	B	9	D	10	A
11	B	12	D	13	A	14	C	15	B

Solutions

1. Answer: (A) 8,335

Ones: $9 + 6 = 15$, write 5 carry 1.

Tens: $8 + 4 + 1 = 13$, write 3 carry 1.

Hundreds: $5 + 7 + 1 = 13$, write 3 carry 1.

Thousands: $4 + 3 + 1 = 8$.

Sum = **8,335**.

2. Answer: (D) 3,542

Count up from 2,458 to 6,000: $2,458 + 42 = 2,500$, then $+ 3,500 = 6,000$.

Total added = $42 + 3,500 = \mathbf{3,542}$.

3. Answer: (C) 944

Ones: $6 \times 4 = 24$, write 4 carry 2.

Tens: $3 \times 4 = 12$, plus 2 = 14, write 4 carry 1.

Hundreds: $2 \times 4 = 8$, plus 1 = 9.

Product = **944**.

4. Answer: (B) 63

$8 \times 60 = 480$, and $504 - 480 = 24$. Now $8 \times 3 = 24$.

So the quotient is $60 + 3 = \mathbf{63}$.

Check: $63 \times 8 = 504$. ✓

5. Answer: (C) 17

A prime number has exactly two factors — 1 and itself. $9 = 3 \times 3$, $15 = 3 \times 5$ and $21 = 3 \times 7$, so those are composite.

Only **17** cannot be divided by anything except 1 and 17.

6. Answer: (C) 14

Do multiplication and division before addition.

$24 \div 6 = 4$ and $5 \times 2 = 10$.

$4 + 10 = \mathbf{14}$.

7. Answer: (A) 0

Taking a number zero times gives nothing at all, so $a \times 0 = \mathbf{0}$ for every number a.

8. Answer: (B) 2

$5 \times 27 = 135$, which is the largest multiple of 5 not more than 137.

Remainder = $137 - 135 = \mathbf{2}$.

9. Answer: (D) 4,080

Add two at a time.

$1,245 + 1,860 = 3,105$.

$3,105 + 975 = \mathbf{4,080}$ pens.

10. Answer: (A) 1,728

$48 \times 36 = 48 \times 30 + 48 \times 6$

$= 1,440 + 288 = \mathbf{1,728}$ seats.

11. Answer: (B) 60

Sharing equally means dividing.

$1,500 \div 25 = \mathbf{60}$ sweets in each box.

Check: $60 \times 25 = 1,500$. ✓

12. Answer: (D) ₹130

Cost of the books = $6 \times 145 = ₹870$.

Change = $1,000 - 870 = \mathbf{₹130}$.

13. Answer: (A) ₹7,955

First add what was spent: $6,480 + 4,325 = ₹10,805$.

Then subtract from the total: $18,750 - 10,805 = ₹7,955$.

14. Answer: (C) 80

Number of drums = $3,600 \div 45$.

$45 \times 80 = 3,600$, so **80** drums are needed.

15. Answer: (B) 307

Use Dividend = Divisor $\times$ Quotient + Remainder.

$$= 12 \times 25 + 7$$

$$= 300 + 7 = \mathbf{307}.$$

Check: $307 \div 12$ gives 25 remainder 7. ✓