

Multiplication and Division

Mathematics · Class 3 · 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

- $24 \times 3 =$ ____
 (A) 27 (B) 62
 (C) 72 (D) 82
- $56 \div 8 =$ ____
 (A) 6 (B) 7
 (C) 8 (D) 9
- Which is the same as 9×6 ?
 (A) $6 - 9$ (B) $9 + 6$
 (C) $9 \div 6$ (D) 6×9
- Any number divided by 1 gives _____.
 (A) 0 (B) 1
 (C) The number itself (D) Cannot be done
- $45 \div 6$ gives a quotient of 7 and a remainder of _____.
 (A) 1 (B) 2
 (C) 3 (D) 4
- $125 \times 4 =$ ____
 (A) 400 (B) 480
 (C) 500 (D) 520
- $0 \div 9 =$ ____
 (A) 0 (B) 9
 (C) 1 (D) Cannot be done
- Which of these is a multiple of 7?
 (A) 27 (B) 35
 (C) 44 (D) 52

9. A box holds 15 chocolates. How many chocolates are there in 8 such boxes?
- (A) 23 (B) 110
(C) 120 (D) 130
10. 72 apples are packed equally into 9 baskets. How many apples are in each basket?
- (A) 6 (B) 7
(C) 8 (D) 9
11. A cinema hall has 25 rows with 12 seats in each row. How many seats are there in all?
- (A) 37 (B) 250
(C) 300 (D) 320
12. 50 students are put into teams of 6. How many full teams are formed, and how many students are left over?
- (A) 8 teams, 2 left over (B) 8 teams, 4 left over
(C) 9 teams, 1 left over (D) 7 teams, 8 left over

Achievers Section

Q13–Q15 · 3 marks each

13. A shopkeeper buys 6 cartons of soap. Each carton has 24 bars. He sells 100 bars. How many bars are left?
- (A) 24 (B) 44
(C) 144 (D) 244
14. Which of these has the **greatest** value?
- (A) 18×5 (B) $96 \div 2$
(C) $144 \div 3$ (D) 17×6
15. A rope 96 metres long is cut into pieces of 8 metres each. How many pieces are obtained?
- (A) 8 (B) 10
(C) 12 (D) 88

Answer Key

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

Solutions

1. Answer: (C) 72

Ones: $4 \times 3 = 12$, write 2 and carry 1.

Tens: $2 \times 3 = 6$, plus the carried 1 makes 7.

Answer = **72**.

2. Answer: (B) 7

We need the number that multiplies with 8 to give 56. Since $8 \times 7 = 56$, the answer is 7.

3. Answer: (D) 6×9

Multiplication can be done in either order and gives the same product. $9 \times 6 = 54$ and $6 \times 9 = 54$.

4. Answer: (C) The number itself

Sharing something into 1 group leaves the whole thing in that group, so $a \div 1 = \text{the number itself}$.

5. Answer: (C) 3

$6 \times 7 = 42$, which is the largest multiple of 6 that is not more than 45.

Remainder = $45 - 42 = 3$.

6. Answer: (C) 500

Ones: $5 \times 4 = 20$, write 0 carry 2.

Tens: $2 \times 4 = 8$, plus 2 = 10, write 0 carry 1.

Hundreds: $1 \times 4 = 4$, plus 1 = 5.

Answer = **500**.

7. Answer: (A) 0

Sharing nothing among 9 people gives each person nothing, so $0 \div 9 = 0$. (Note that $9 \div 0$ is a different thing and is not allowed.)

8. Answer: (B) 35

The multiples of 7 are 7, 14, 21, 28, **35**, 42, 49... Only 35 appears in the list, since $7 \times 5 = 35$.

9. Answer: (C) 120

8 boxes $\times$ 15 chocolates each.

$15 \times 8 = \text{120}$ chocolates.

10. Answer: (C) 8

Sharing equally means dividing.

$72 \div 9 = 8$ apples in each basket.

11. Answer: (C) 300

25 rows $\times$ 12 seats each.

$25 \times 12 = 25 \times 10 + 25 \times 2 = 250 + 50 = \text{300}$ seats.

12. Answer: (A) 8 teams, 2 left over

$6 \times 8 = 48$, which is the largest multiple of 6 not more than 50.

So there are **8 full teams**, and $50 - 48 = \text{2 students left over}$.

13. Answer: (B) 44

First find the total: $6 \times 24 = 144$ bars.

Then subtract what he sold: $144 - 100 = \text{44}$ bars left.

14. Answer: (D) 17×6

Work each one out:

$$18 \times 5 = 90$$

$$96 \div 2 = 48$$

$$17 \times 6 = \mathbf{102}$$

$$144 \div 3 = 48$$

The greatest value is $\mathbf{17 \times 6 = 102}$.

15. Answer: (C) 12

Cutting into equal pieces means dividing.

$$96 \div 8 = \mathbf{12} \text{ pieces.}$$

$$\text{Check: } 12 \times 8 = 96. \checkmark$$