

CBSE CLASS 4 MATHS – FRACTIONS

Worksheet 9: Fractional Part of a Set*Practice worksheet with answer key*

Name: _____

Date: _____

Remember: To find a fraction of a set: divide the set into equal groups (denominator), then take the number of groups shown by the numerator.

Example: $\frac{2}{3}$ of 12 $\rightarrow 12 \div 3 = 4$, then $4 \times 2 = 8$.

Section A: Multiple Choice Questions*Choose the correct option and write its letter.*

1. $\frac{1}{2}$ of 10 is:
(a) 2 (b) 5 (c) 20 (d) 10
2. $\frac{1}{4}$ of 28 is:
(a) 7 (b) 4 (c) 24 (d) 14
3. $\frac{2}{3}$ of 12 is:
(a) 4 (b) 6 (c) 8 (d) 10
4. There are 15 flowers in a vase. $\frac{3}{5}$ of them are red. How many flowers are red?
(a) 3 (b) 6 (c) 12 (d) 9
5. $\frac{3}{4}$ of 16 is:
(a) 4 (b) 12 (c) 8 (d) 9

Section B: Fill in the Blanks*Write the correct answer in the blank.*

1. $\frac{1}{3}$ of 18 = _____
2. $\frac{2}{5}$ of 25 = _____
3. $\frac{1}{6}$ of 30 = _____
4. $\frac{3}{7}$ of 14 = _____
5. $\frac{4}{9}$ of 27 = _____

Section C: True or False*Write True or False.*

1. $\frac{1}{2}$ of 14 is 7. (True / False)
2. $\frac{1}{5}$ of 20 is 5. (True / False)
3. $\frac{3}{4}$ of 12 is 9. (True / False)
4. $\frac{2}{3}$ of 9 is 3. (True / False)
5. In a basket of 12 apples, $\frac{1}{3}$ of the apples means 4 apples. (True / False)

Section D: Match the Following

Match Column A with Column B. Write the letter of the correct answer next to each number.

Column A	Column B
1. $\frac{1}{2}$ of 16 Ans: _____	A. 6
2. $\frac{1}{3}$ of 21 Ans: _____	B. 8
3. $\frac{2}{5}$ of 10 Ans: _____	C. 5
4. $\frac{3}{4}$ of 8 Ans: _____	D. 7
5. $\frac{1}{10}$ of 50 Ans: _____	E. 4

Answer Key – Worksheet 9: Fractional Part of a Set

Section A: Multiple Choice Questions

- | | |
|----------|-----------|
| 1. (b) 5 | 4. (d) 9 |
| 2. (a) 7 | 5. (b) 12 |
| 3. (c) 8 | |

Section B: Fill in the Blanks

- | | |
|---|---|
| 1. 6 ($18 \div 3 = 6$) | 4. 6 ($14 \div 7 = 2$, $2 \times 3 = 6$) |
| 2. 10 ($25 \div 5 = 5$, $5 \times 2 = 10$) | 5. 12 ($27 \div 9 = 3$, $3 \times 4 = 12$) |
| 3. 5 ($30 \div 6 = 5$) | |

Section C: True or False

1. True
2. False – $20 \div 5 = 4$, so $1/5$ of 20 is 4.
3. True
4. False – $9 \div 3 = 3$, $3 \times 2 = 6$, so $2/3$ of 9 is 6.
5. True

Section D: Match the Following

- | | |
|-----------------------|-----------------------|
| 1 $\rightarrow$ B (8) | 4 $\rightarrow$ A (6) |
| 2 $\rightarrow$ D (7) | 5 $\rightarrow$ C (5) |
| 3 $\rightarrow$ E (4) | |