

CBSE CLASS 4 MATHS – FRACTIONS

Worksheet 7: Converting Mixed Numbers to Fractions*Practice worksheet with answer key*

Name: _____

Date: _____

Remember: A mixed number = a whole number + a proper fraction, e.g. $2\frac{1}{3}$.Steps: (whole number $\times$ denominator) + numerator. Keep the same denominator.Example: $2\frac{1}{3} = (2 \times 3 + 1)/3 = 7/3$.**Section A: Multiple Choice Questions***Choose the correct option and write its letter.*

1. $1\frac{1}{2}$ written as an improper fraction is:
(a) $2/3$ (b) $3/2$ (c) $1/2$ (d) $2/1$
2. $2\frac{1}{3}$ written as an improper fraction is:
(a) $6/3$ (b) $5/3$ (c) $7/3$ (d) $3/7$
3. $3\frac{2}{5}$ written as an improper fraction is:
(a) $17/5$ (b) $15/5$ (c) $11/5$ (d) $32/5$
4. $4\frac{3}{4}$ written as an improper fraction is:
(a) $15/4$ (b) $7/4$ (c) $12/4$ (d) $19/4$
5. $5\frac{1}{2}$ written as an improper fraction is:
(a) $6/2$ (b) $11/2$ (c) $10/2$ (d) $5/2$
6. $2\frac{3}{8}$ written as an improper fraction is:
(a) $16/8$ (b) $6/8$ (c) $19/8$ (d) $23/8$
7. $6\frac{2}{3}$ written as an improper fraction is:
(a) $20/3$ (b) $12/3$ (c) $8/3$ (d) $62/3$
8. To change a mixed number into an improper fraction, we:
(a) add the whole number and the denominator
(b) multiply the numerator by the denominator
(c) subtract the numerator from the whole number
(d) multiply the whole number by the denominator and add the numerator
9. $1\frac{5}{6}$ written as an improper fraction is:
(a) $6/6$ (b) $11/6$ (c) $5/6$ (d) $15/6$
10. Sita has $3\frac{1}{4}$ pizzas. How many quarter-pizzas is that?
(a) $12/4$ (b) $7/4$ (c) $13/4$ (d) $31/4$

Section B: Fill in the Blanks

Write the correct answer in the blank.

1. $1 \frac{3}{4} =$ _____
2. $2 \frac{2}{5} =$ _____
3. $3 \frac{1}{3} =$ _____
4. $4 \frac{1}{2} =$ _____
5. $2 \frac{5}{6} =$ _____
6. $5 \frac{3}{10} =$ _____
7. $3 \frac{3}{7} =$ _____
8. $7 \frac{1}{4} =$ _____
9. A fraction whose numerator is greater than or equal to its denominator is called an _____ fraction.
10. $1 \frac{4}{9} =$ _____

Section C: True or False

Write True or False.

1. $1 \frac{1}{2} = \frac{3}{2}$ (True / False)
2. $2 \frac{1}{4} = \frac{8}{4}$ (True / False)
3. $3 \frac{2}{3} = \frac{11}{3}$ (True / False)
4. An improper fraction has a numerator smaller than its denominator. (True / False)
5. $4 \frac{1}{5} = \frac{21}{5}$ (True / False)
6. To convert $5 \frac{2}{3}$: $5 \times 3 + 2 = 17$, so the improper fraction is $\frac{17}{3}$. (True / False)
7. $2 \frac{3}{4} = \frac{6}{4}$ (True / False)
8. The denominator stays the same when we change a mixed number into an improper fraction. (True / False)
9. $1 \frac{1}{8} = \frac{9}{8}$ (True / False)
10. $6 \frac{1}{2} = \frac{12}{2}$ (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. $1 \frac{1}{4}$ Ans: ____	A. $\frac{16}{5}$
2. $2 \frac{1}{2}$ Ans: ____	B. $\frac{11}{2}$
3. $1 \frac{2}{3}$ Ans: ____	C. $\frac{5}{2}$
4. $3 \frac{1}{5}$ Ans: ____	D. $\frac{23}{7}$
5. $2 \frac{3}{4}$ Ans: ____	E. $\frac{5}{4}$
6. $4 \frac{1}{3}$ Ans: ____	F. $\frac{17}{6}$
7. $1 \frac{3}{8}$ Ans: ____	G. $\frac{13}{3}$
8. $5 \frac{1}{2}$ Ans: ____	H. $\frac{11}{8}$
9. $3 \frac{2}{7}$ Ans: ____	I. $\frac{5}{3}$
10. $2 \frac{5}{6}$ Ans: ____	J. $\frac{11}{4}$

Answer Key – Worksheet 7: Converting Mixed Numbers to Fractions

Section A: Multiple Choice Questions

1. (b) $\frac{3}{2}$
2. (c) $\frac{7}{3}$
3. (a) $\frac{17}{5}$
4. (d) $\frac{19}{4}$
5. (b) $\frac{11}{2}$
6. (c) $\frac{19}{8}$
7. (a) $\frac{20}{3}$
8. (d) multiply the whole number by the denominator and add the numerator
9. (b) $\frac{11}{6}$
10. (c) $\frac{13}{4}$

Section B: Fill in the Blanks

1. $\frac{7}{4}$
2. $\frac{12}{5}$
3. $\frac{10}{3}$
4. $\frac{9}{2}$
5. $\frac{17}{6}$
6. $\frac{53}{10}$
7. $\frac{24}{7}$
8. $\frac{29}{4}$
9. improper
10. $\frac{13}{9}$

Section C: True or False

1. True
2. False – $2\frac{1}{4} = \frac{(2 \times 4 + 1)}{4} = \frac{9}{4}$.
3. True
4. False – The numerator is greater than or equal to the denominator.
5. True
6. True
7. False – $2\frac{3}{4} = \frac{(2 \times 4 + 3)}{4} = \frac{11}{4}$.
8. True
9. True
10. False – $6\frac{1}{2} = \frac{(6 \times 2 + 1)}{2} = \frac{13}{2}$.

Section D: Match the Following

- | | |
|--------------------------|---------------------------|
| 1 → E ($\frac{5}{4}$) | 6 → G ($\frac{13}{3}$) |
| 2 → C ($\frac{5}{2}$) | 7 → H ($\frac{11}{8}$) |
| 3 → I ($\frac{5}{3}$) | 8 → B ($\frac{11}{2}$) |
| 4 → A ($\frac{16}{5}$) | 9 → D ($\frac{23}{7}$) |
| 5 → J ($\frac{11}{4}$) | 10 → F ($\frac{17}{6}$) |