

CBSE CLASS 4 MATHS – FRACTIONS

Worksheet 3: Comparing Fractions*Practice worksheet with answer key*

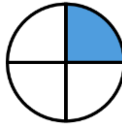
Name: _____

Date: _____

Remember: Same denominator: the fraction with the bigger numerator is bigger.

Same numerator: the fraction with the smaller denominator is bigger.

Improper fractions and mixed numbers: convert to the same form (e.g. $\frac{7}{3} = 2 \frac{1}{3}$) before comparing. Symbols: > greater than, < less than, = equal to.**Section A: Multiple Choice Questions***Choose the correct option and write its letter.*

1. Look at the two circles.  and  Which fraction is greater?
 (a) $\frac{3}{8}$ (b) $\frac{5}{8}$ (c) Both are equal (d) Cannot say
2. Which circle has a greater part shaded?  (left) or  (right)
 (a) Left circle (b) Right circle (c) Both are equal (d) Cannot say
3. Choose the correct sign: $\frac{4}{9}$ ____ $\frac{7}{9}$
 (a) > (b) < (c) = (d) None of these
4. Which is the greatest fraction?
 (a) $\frac{2}{7}$ (b) $\frac{3}{7}$ (c) $\frac{5}{7}$ (d) $\frac{4}{7}$
5. Which is greater, $\frac{3}{5}$ or $\frac{3}{8}$?
 (a) $\frac{3}{5}$ (b) $\frac{3}{8}$ (c) Both are equal (d) Cannot say
6. Which is greater, $\frac{9}{4}$ or $\frac{7}{4}$?
 (a) $\frac{7}{4}$ (b) Both are equal (c) Cannot say (d) $\frac{9}{4}$
7. Choose the correct sign: $\frac{11}{5}$ ____ $2 \frac{1}{5}$
 (a) > (b) = (c) < (d) None of these
8. Which is greater, $3 \frac{1}{2}$ or $2 \frac{3}{4}$?
 (a) $2 \frac{3}{4}$ (b) Both are equal (c) $3 \frac{1}{2}$ (d) Cannot say
9. Which is greater, $\frac{5}{3}$ or $1 \frac{1}{3}$?
 (a) $\frac{5}{3}$ (b) $1 \frac{1}{3}$ (c) Both are equal (d) Cannot say
10. Which is the smallest fraction?
 (a) $\frac{1}{2}$ (b) $\frac{1}{5}$ (c) $\frac{1}{3}$ (d) $\frac{1}{8}$

Section B: Fill in the Blanks

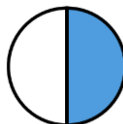
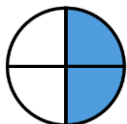
Write the correct answer in the blank.

1. Write $>$, $<$ or $=$: $\frac{2}{9}$ _____ $\frac{5}{9}$
2. Write $>$, $<$ or $=$: $\frac{7}{10}$ _____ $\frac{3}{10}$
3. Write $>$, $<$ or $=$: $\frac{1}{3}$ _____ $\frac{1}{7}$

4. Write $>$, $<$ or $=$ for the circles: _____



5. Write $>$, $<$ or $=$ for the circles: _____



6. Write $>$, $<$ or $=$: $\frac{13}{6}$ _____ $\frac{11}{6}$
7. Write $>$, $<$ or $=$: $3\frac{2}{5}$ _____ $2\frac{4}{5}$
8. Write $>$, $<$ or $=$: $\frac{7}{2}$ _____ $3\frac{1}{2}$
9. Write $>$, $<$ or $=$: $\frac{9}{4}$ _____ $2\frac{3}{4}$
10. Among $\frac{3}{8}$, $\frac{3}{5}$ and $\frac{3}{10}$, the greatest fraction is _____.

Section C: True or False

Write True or False.

1. $\frac{5}{9} > \frac{2}{9}$ (True / False)
2. When denominators are the same, the fraction with the larger numerator is greater. (True / False)
3. $\frac{1}{4} > \frac{1}{2}$ (True / False)
4. $3\frac{1}{2} > 2\frac{3}{4}$ (True / False)
5. $\frac{7}{4}$ and $1\frac{3}{4}$ are equal. (True / False)
6. Of two fractions with the same numerator, the one with the bigger denominator is greater. (True / False)
7. $\frac{8}{5} > \frac{6}{5}$ (True / False)
8. $2\frac{1}{3} < 2\frac{2}{3}$ (True / False)
9. $\frac{9}{2} < 4$ (True / False)
10. $\frac{1}{6} < \frac{1}{3}$ (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. Greater of $\frac{3}{7}$ and $\frac{5}{7}$ Ans: ____	A. $2\frac{1}{3}$
2. Smaller of $\frac{4}{9}$ and $\frac{2}{9}$ Ans: ____	B. $3\frac{2}{5}$
3. Greater of $\frac{1}{3}$ and $\frac{1}{5}$ Ans: ____	C. $\frac{5}{7}$
4. Smaller of $\frac{2}{3}$ and $\frac{2}{5}$ Ans: ____	D. $\frac{1}{3}$
5. Greater of $\frac{9}{4}$ and $\frac{5}{4}$ Ans: ____	E. $\frac{7}{4}$
6. Mixed number equal to $\frac{7}{3}$ Ans: ____	F. $\frac{2}{9}$
7. Improper fraction equal to $1\frac{3}{4}$ Ans: ____	G. $\frac{1}{2}$
8. Greater of $2\frac{1}{2}$ and $1\frac{3}{4}$ Ans: ____	H. $\frac{9}{4}$
9. Smaller of $3\frac{2}{5}$ and $3\frac{4}{5}$ Ans: ____	I. $\frac{2}{5}$
10. Greatest of $\frac{1}{2}$, $\frac{1}{6}$ and $\frac{1}{4}$ Ans: ____	J. $2\frac{1}{2}$

Answer Key – Worksheet 3: Comparing Fractions

Section A: Multiple Choice Questions

- | | |
|----------------------|-----------------------|
| 1. (b) $\frac{5}{8}$ | 6. (d) $\frac{9}{4}$ |
| 2. (a) Left circle | 7. (b) = |
| 3. (b) < | 8. (c) $3\frac{1}{2}$ |
| 4. (c) $\frac{5}{7}$ | 9. (a) $\frac{5}{3}$ |
| 5. (a) $\frac{3}{5}$ | 10. (d) $\frac{1}{8}$ |

Section B: Fill in the Blanks

- | | |
|------|---------------------------------------|
| 1. < | 6. > |
| 2. > | 7. > |
| 3. > | 8. = |
| 4. < | 9. < ($\frac{9}{4} = 2\frac{1}{4}$) |
| 5. = | 10. $\frac{3}{5}$ |

Section C: True or False

1. True
2. True
3. False – $\frac{1}{4} < \frac{1}{2}$ (same numerator, bigger denominator means smaller fraction).
4. True
5. True
6. False – The one with the smaller denominator is greater.
7. True
8. True
9. False – $\frac{9}{2} = 4\frac{1}{2}$, which is greater than 4.
10. True

Section D: Match the Following

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