

1. Which of the following are like fractions?

$$\frac{3}{8}, \frac{5}{9}, \frac{4}{8}, \frac{2}{8}, \frac{6}{17}, \frac{7}{8}$$

2. Which of the following are unit fractions?

$$\frac{2}{1}, \frac{3}{5}, \frac{1}{7}, \frac{1}{11}, \frac{2}{19}, \frac{17}{5}, \frac{1}{9}, 3\frac{1}{6}$$

3. Which of the following are proper fractions?

$$\frac{2}{3}, \frac{17}{19}, \frac{5}{4}, 4\frac{2}{3}, \frac{18}{6}, \frac{15}{25}, \frac{27}{41}$$

4. Which of the following are equivalent fractions?

(a) $\frac{2}{3}, \frac{4}{6}$

(b) $\frac{5}{15}, \frac{1}{3}$

(c) $\frac{2}{9}, \frac{4}{12}$

(d) $\frac{7}{11}, \frac{21}{33}$

5. Complete the following sentences:

(a) $\frac{2}{3} = \frac{\dots}{9}$

(b) $\frac{7}{9} = \frac{21}{\dots}$

(c) $\frac{10}{3} = \frac{\dots}{6}$

(d) $\frac{5}{12} = \frac{35}{\dots}$

6. Rewrite as division sum:

(a) $\frac{5}{6}$

(b) $\frac{20}{17}$

(c) $\frac{4}{15}$

(d) $\frac{31}{16}$

7. Rewrite as fractions:

(a) $2 \div 3$

(b) $19 \div 37$

(c) $46 \div 98$

(d) $90 \div 100$

8. Express as mixed numbers:

(a) $\frac{9}{8}$

(b) $\frac{35}{11}$

(c) $\frac{41}{7}$

(d) $\frac{43}{10}$

9. Express as improper fractions:

(a) $1\frac{9}{11}$

(b) $4\frac{7}{8}$

(c) $12\frac{4}{5}$

(d) $113\frac{4}{7}$

1. Which fraction is greater in each pair?

(a) $\frac{1}{7}$, $\frac{1}{9}$

(b) $\frac{1}{11}$, $\frac{1}{7}$

(c) $\frac{1}{3}$, $\frac{1}{9}$

(d) $\frac{1}{17}$, $\frac{1}{25}$

2. Which fraction is smaller in each pair?

(a) $\frac{1}{25}$, $\frac{1}{23}$

(b) $\frac{1}{11}$, $\frac{1}{17}$

(c) $\frac{1}{9}$, $\frac{1}{99}$

(d) $\frac{1}{15}$, $\frac{1}{23}$

3. Write $>$, $<$ or $=$ in the box to make a correct sentence:

(a) $\frac{1}{5}$ $\frac{1}{9}$

(b) $\frac{1}{6}$ $\frac{2}{12}$

(c) $\frac{1}{13}$ $\frac{1}{8}$

(d) $\frac{1}{19}$ $\frac{1}{79}$

4. Change the following having same denominator:

(a) $\frac{1}{3}, \frac{3}{5}$

(b) $\frac{5}{12}, \frac{7}{18}$

(c) $\frac{2}{9}, \frac{7}{12}$

5. Which of the following fractions is smaller?

(a) $\frac{4}{15}, \frac{2}{5}$

(b) $\frac{1}{4}, \frac{1}{6}$

(c) $\frac{3}{7}, \frac{8}{11}$

(d) $\frac{5}{18}, \frac{2}{9}$

(e) $\frac{7}{12}, \frac{3}{4}$

(f) $\frac{7}{9}, \frac{11}{18}$

(g) $\frac{5}{12}, \frac{8}{15}$

(h) $\frac{7}{12}, \frac{11}{21}$

6. Arrange the following fractions in ascending order:

(a) $\frac{2}{3}, \frac{14}{15}, \frac{4}{5}$

(b) $\frac{3}{4}, \frac{7}{12}, \frac{5}{18}, \frac{5}{6}$

(c) $\frac{3}{4}, \frac{5}{12}, \frac{1}{6}, \frac{7}{9}$

(d) $\frac{5}{16}, \frac{7}{8}, \frac{9}{10}, \frac{17}{20}$

(e) $\frac{2}{3}, \frac{4}{9}, \frac{7}{12}, \frac{5}{18}$

(f) $\frac{1}{5}, \frac{3}{10}, \frac{7}{15}, \frac{11}{30}$

7. Arrange the following fractions in descending order:

(a) $\frac{2}{7}, \frac{5}{14}, \frac{8}{21}, \frac{11}{42}$

(b) $\frac{1}{2}, \frac{3}{4}, \frac{7}{8}, \frac{5}{12}$

(c) $\frac{3}{5}, \frac{8}{15}, \frac{9}{10}, \frac{17}{20}$

(d) $\frac{5}{9}, \frac{17}{36}, \frac{5}{18}, \frac{1}{3}$

(e) $\frac{2}{3}, \frac{5}{6}, \frac{7}{8}, \frac{3}{4}$

(f) $\frac{7}{9}, \frac{5}{12}, \frac{3}{8}, \frac{25}{36}$

8. There are some packets of potato chips in a shop. Rajni bought $\frac{1}{3}$ of the packets and vicky bought $\frac{1}{7}$ of the packets. Each packet costs ₹ 20. Who paid less money?

9. Vishal and Abdul sat for an examination. Vishal finished his examination earlier by $\frac{1}{4}$ of the total time and Abdul finished earlier by $\frac{1}{5}$ of the total time. Who took more time in writing the examination?

1. Which of the following fractions are in their lowest terms?

(a) $\frac{14}{2!}$

(b) $\frac{30}{42}$

(c) $\frac{18}{25}$

(d) $\frac{15}{17}$

(e) $\frac{21}{29}$

2. Reduce the following fractions to their lowest terms:

(a) $\frac{18}{36}$

(b) $\frac{9}{27}$

(c) $\frac{20}{32}$

(d) $\frac{12}{28}$

(e) $\frac{14}{21}$

(f) $\frac{5}{35}$

(g) $\frac{18}{30}$

(h) $\frac{6}{33}$