

Year 5 and 6 Difficult Fractions

Q1. Change the following fractions to equivalent fractions:

(a) $\frac{4}{5} = \frac{\square}{10}$ (b) $\frac{3}{4} = \frac{\square}{20}$ (c) $\frac{2}{3} = \frac{\square}{12}$ (d) $\frac{2}{5} = \frac{\square}{30}$

Q2. Simplify the following fractions:

(a) $\frac{16}{20}$ (b) $\frac{9}{12}$ (c) $\frac{20}{30}$ (d) $\frac{60}{100}$

Q3. Change the mixed fractions below to improper fractions:

(a) $2\frac{1}{2}$ (b) $2\frac{1}{8}$ (c) $5\frac{3}{4}$ (d) $1\frac{2}{3}$

Q4. Change the improper fractions below to mixed fractions:

(a) $\frac{17}{3}$ (b) $\frac{9}{2}$ (c) $\frac{12}{5}$ (d) $\frac{17}{7}$

Q5. Find: (a) $\frac{3}{9} + \frac{1}{9}$ (b) $\frac{7}{8} + \frac{4}{8}$ (c) $\frac{3}{4} + \frac{1}{8}$ (d) $\frac{4}{5} + \frac{7}{10}$

Q6. Find: (a) $\frac{7}{15} - \frac{1}{15}$ (b) $1\frac{5}{8} - \frac{3}{8}$ (c) $\frac{7}{12} - \frac{1}{6}$ (d) $\frac{2}{3} - \frac{1}{9}$

Q7. Find: (a) $4 \times \frac{1}{5}$ (b) $\frac{2}{3} \times 4$ (c) $\frac{3}{4} \times \frac{1}{2}$ (d) $\frac{4}{7} \times \frac{5}{2}$

Q8. Find: (a) How many quarters in 3 wholes?

(b) How many eighths in 2 wholes?

(c) Find $2\frac{1}{3} \div \frac{1}{3}$ (d) Find $3 \div \frac{1}{4}$

(e) Divide 4 by $\frac{1}{2}$ (f) Divide $2\frac{1}{2}$ by $\frac{1}{4}$

Different ways of asking division problems.

Q9. Change the following fractions to decimals:

(a) $\frac{4}{5}$ (b) $\frac{6}{20}$ (c) $\frac{23}{50}$ (d) $\frac{1}{4}$