

Fractions Revision

1) By writing all these fraction over a common denominator, arrange them in order of size, with the smallest first:

$$\frac{5}{8} \quad \frac{3}{4} \quad \frac{5}{6} \quad \frac{2}{3}$$

2) Convert each of the following to improper fractions:

$$(a) 1\frac{7}{8} \quad (b) 4\frac{6}{7} \quad (c) 5\frac{3}{5} \quad (d) 7\frac{5}{12}$$

3) Convert each of the following to mixed numbers:

$$(a) \frac{17}{12} \quad (b) \frac{40}{7} \quad (c) \frac{69}{8} \quad (d) \frac{80}{9}$$

4) Work out the following:

$$(a) \frac{11}{12} - \frac{5}{8} \quad (b) 2\frac{1}{5} + 3\frac{7}{8} \quad (c) 4\frac{1}{6} - 1\frac{3}{4} \quad (d) 8 \div 1\frac{3}{4}$$

5) Work out the following:

$$(a) \frac{5}{12} \times \frac{8}{15} \quad (b) 5\frac{1}{3} \times 1\frac{3}{4} \quad (c) \frac{5}{8} \div \frac{7}{12} \quad (d) 4\frac{2}{7} \div 2\frac{2}{9}$$

6) Write the following fractions as simply as possible:

$$(a) \frac{20}{32} \quad (b) \frac{48}{60} \quad (c) \frac{28}{105} \quad (d) \frac{625}{1000}$$

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