

Fractions Revision

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

$$\frac{5}{12} \quad \frac{7}{15} \quad \frac{2}{5} \quad \frac{1}{3}$$

2) Convert to mixed numbers:

$$(a) \frac{17}{6} \quad (b) \frac{31}{7}$$

3) Work out the following:

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

4) Work out the following:

$$(a) \frac{4}{15} \times \frac{3}{14} \quad (b) 3\frac{1}{3} \times 2\frac{3}{5} \quad (c) \frac{5}{6} \div \frac{2}{3} \quad (d) 5\frac{1}{7} \div 2\frac{2}{5}$$

5) Write the following fractions as simply as possible:

$$(a) \frac{20}{24} \quad (b) \frac{36}{60} \quad (c) \frac{45}{105} \quad (d) \frac{125}{1000}$$

6) A map has a scale of 1:25000.

(a) From A to B is 13cm on the map. How many km is it on the ground?

(b) From C to D is 5.2km on the ground. How far is it on the map?

7) Find $\frac{4}{5}$ of 2.4kg. Give your answer in grammes

8) Write the ratio 15cm to 2 metres in its simplest form

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