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Higher GCSE Revision

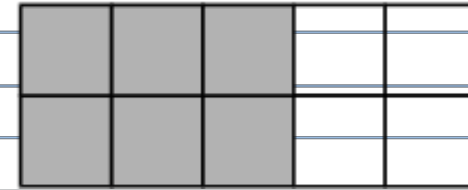
Exam Style Questions

Topics covered in this video...

- 👉 Equivalent fractions / simplifying
- 👉 Fractions of amounts
- 👉 Converng between fractions, decimals and percentages

See the description below for links to the files used in this video

1. (a) What fraction of this shape is shaded?
Give your answer in its simplest form.



PM

- (b) Find $\frac{7}{10}$ of £50

- (c) Find 30% of 200 metres.

- (d) Work out $\frac{3}{8} + \frac{1}{8}$ Simplify your answer

2. Complete the equivalent fractions.

(a) $\frac{3}{5} = \frac{\square}{15}$

(b) $\frac{2}{\square} = \frac{4}{14}$

(c) $\frac{6}{11} = \frac{24}{\square}$

3. Find (a) 10% of £6.50

(b) $\frac{3}{4}$ of 200

4. (a) Write $\frac{1}{2}$ as a percentage.

(b) Write 25% as a fraction.

5. Circle each number that is less than one half.

0.21 52% $\frac{1}{3}$ 0.78 $\frac{3}{4}$ 35%

6. (a) Which **two** of these fractions are equivalent to $\frac{1}{3}$?

$\frac{2}{6}$ $\frac{5}{12}$ $\frac{6}{18}$ $\frac{11}{30}$

(b) Write 70% as a decimal.

(c) Write $\frac{3}{10}$ as a decimal.

7. Complete the table below.

Fraction	Decimal	Percentage
$\frac{1}{2}$	0.5	
	0.7	70%
$\frac{3}{100}$		3%

8. (a) Write 0.25 as a fraction.

(b) Write three-fifths as a decimal.

(c) Write $\frac{9}{100}$ as a decimal.

9. Which **two** of these fractions are equivalent to $\frac{1}{5}$?

$$\frac{3}{15} \quad \frac{5}{75} \quad \frac{8}{20} \quad \frac{6}{30} \quad \frac{21}{25}$$

10. (a) Write $\frac{1}{5}$ as a decimal.

(b) Write 0.7 as a fraction.

(c) Write 50% as a fraction.

11. Write the following in order, starting with the smallest.

0.22 $\frac{3}{20}$ 19%

You **must** show your working.

12. There are 24 passengers on a bus.

$\frac{1}{4}$ of the passengers are men. $\frac{1}{3}$ of the passengers are women.

The rest of the passengers are children.

How many passengers are children?