Test 64   General Revision

1. Write $\frac{9}{10}$ as a percentage.

2. **SHOP**   I spent 0·45 of my money in one shop and $\frac{2}{5}$ of it in another.
   What percentage of my money had I left?

3. What is 11% of 700?

4. What is the perimeter of a square of side 15m?

5. 84cm²   A rectangle has an area of 84cm².
   If its width is 7cm, find its perimeter.

6. Mary weighs 32kg and John weighs 40kg. Express Mary's weight as a decimal fraction of John's weight.

7. Having spent $\frac{1}{4}$ of her money, Sue had €18 left. How much money had she at first?

8. $\frac{5}{9}$ × 7 = $\boxed{?}$ (Answer as a mixed number.)

9. What is 0·13 of 500?

10. I spent €35 and had $\frac{3}{8}$ of my money left. How much money had I at first?

$8\overline{)35}$

$0\,4, 3$

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① $\frac{9}{10}$ × $\frac{10}{10}$ = $\frac{90}{100}$ → 90%

② $\frac{2}{5}$ → $5\overline{)2\cdot0}$ = 0·4

$\begin{array}{r} 0\cdot45 \\ +\,0\cdot40 \\ \hline 0\cdot85 \end{array}$ spent

$\begin{array}{r} 1\cdot00 \\ -\,0\cdot85 \\ \hline 0\cdot15 \end{array}$ → 15%

(3)

$$\begin{array}{r} 700 \\ \times\ 0\cdot11 \\ \hline 700 \\ 70\ 00 \\ \hline 77\cdot00 \end{array}$$

(4)
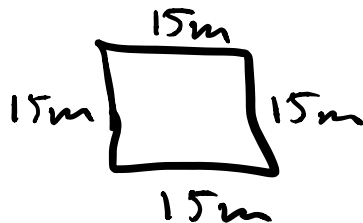
15m × 4 = 60m

(5)

$$7\,\overline{)84\ cm}$$
$$12\ cm\ (length)$$

$$\begin{array}{r} 7cm \\ +\ 12cm \\ \hline 19cm \\ \times\ 2 \\ \hline 38cm \rightarrow perimeter \end{array}$$

(6)
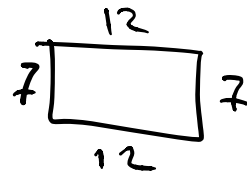
$$\frac{32}{40}\ \begin{array}{c} \div8 \\ \div8 \end{array} = \frac{4}{5}$$

(7)

$\frac{4}{4} - \frac{1}{4} = \frac{3}{4}$ left

$\frac{3}{4}$ is €18   (F+k)

$\frac{4}{3}$ of €18

$$3\,\overline{)€18}$$
$$6$$
$$\times\ 4$$
$$\overline{€\ 24}$$

⑧ $5/9 \times 7/1 = 35/9$

$$9\overline{)35}$$
$$3 \, r \, 8$$
$$\hookrightarrow 3\,8/9$$

⑨
$$\begin{array}{r} 500 \\ \times\ 0.13 \\ \hline 1500 \\ +\ 5000 \\ \hline 65.00 \end{array}$$

⑩ $8/8 - 3/8 = 5/8$ spent

$5/8$ is €35 (F+R)

$8/5$ of €35

$$5\overline{)35}$$
$$7$$
$$\times 8$$
$$\overline{€56}$$