



百分數、小數與分數的互化 (二)

Interchanging among Percentages, Decimals and Fractions (II)

把下列小數化成百分數：
Express the decimals in percentages :

$$\begin{array}{l} \text{小數} \\ \text{Decimals} \end{array} \times 100\% = \begin{array}{l} \text{百分數} \\ \text{Percentages} \end{array}$$

$$\begin{aligned} \textcircled{1} \quad 1.5 \\ &= \frac{1.5}{1} \times 100\% \\ &= \underline{150\%} \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad 0.6 \\ &= \frac{0.6}{1} \times 100\% \\ &= \underline{60\%} \end{aligned}$$

把下列分數化成百分數：
Express the fractions in percentages :

$$\begin{array}{l} \text{分數} \\ \text{Fractions} \end{array} \times 100\% = \begin{array}{l} \text{百分數} \\ \text{Percentages} \end{array}$$

$$\begin{aligned} \textcircled{1} \quad 2\frac{3}{10} \\ &= \frac{23}{10} \times 100\% \\ &= \underline{230\%} \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad 10\frac{1}{5} \\ &= \frac{51}{5} \times 100\% \\ &= \underline{1020\%} \end{aligned}$$

把下列百分數化成小數：
Express the percentages in decimals :

$$\begin{array}{l} \text{百分數} \\ \text{Percentages} \end{array} \div 100\% = \begin{array}{l} \text{小數} \\ \text{Decimals} \end{array}$$

$$\begin{aligned} \textcircled{1} \quad 8\% \\ &= \frac{8\%}{100\%} \\ &= \underline{0.08} \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad 102\% \\ &= \frac{102\%}{100\%} \\ &= \underline{1.02} \end{aligned}$$

把下列百分數化成分數：
Express the percentages in fractions :

$$\begin{array}{l} \text{百分數} \\ \text{Percentages} \end{array} \div 100\% = \begin{array}{l} \text{分數} \\ \text{Fractions} \end{array}$$

$$\begin{aligned} \textcircled{1} \quad 68\% \\ &= \frac{68\%}{100\%} \\ &= \underline{\frac{17}{25}} \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad 7\frac{1}{2}\% \\ &= \frac{15\%}{2} \div 100\% \\ &= \underline{\frac{3}{40}} \end{aligned}$$

填表：

Fill in the table：

	最簡分數 Simplest Fraction	小數 Decimals	百分數 Percentages
①	$\frac{2}{5}$	0.4	40%
②	$\frac{33}{50}$	0.66	66%
③	$\frac{21}{25}$	0.84	84%
④	$3\frac{1}{100}$	3.01	301%

根據陰影部分佔整體的多少連線：

Match according to the shaded part of the whole：

① $\frac{2}{5}$

② 1

③ $\frac{1}{2}$

④ $\frac{1}{3}$

⑤ $\frac{1}{8}$

100%

$33\frac{1}{3}\%$

12.5%

50%

40%