



# 小數與分數的互化

## The Interchange between Decimals and Fractions

把分數化成小數：

Express fractions in decimals :

①  $\frac{45}{100}$

= \_\_\_\_\_

②  $1\frac{9}{1000}$

= \_\_\_\_\_

③  $3\frac{1}{5}$

= \_\_\_\_\_

④  $2\frac{7}{20}$

= \_\_\_\_\_

⑤  $\frac{16}{25}$

= \_\_\_\_\_

⑥  $5\frac{1}{4}$

= \_\_\_\_\_

⑦  $1\frac{3}{8}$

= \_\_\_\_\_

⑧  $5\frac{12}{125}$

= \_\_\_\_\_

把小數化成最簡分數：

Express decimals in simplest fractions :

① 4.4

$= 4\frac{(\quad)}{10}$

= \_\_\_\_\_

② 1.35

$= 1\frac{(\quad)}{100}$

= \_\_\_\_\_

③ 0.008

$= \frac{(\quad)}{1000}$

= \_\_\_\_\_

④ 2.25

= \_\_\_\_\_

= \_\_\_\_\_

⑤ 3.625

= \_\_\_\_\_

= \_\_\_\_\_

⑥ 4.6

= \_\_\_\_\_

= \_\_\_\_\_

⑦ 7.375

= \_\_\_\_\_

= \_\_\_\_\_

⑧ 1.88

= \_\_\_\_\_

= \_\_\_\_\_

由大至小排序：

Arrange in descending order :

①  $2.77, 2\frac{4}{5}, 3.7$       \_\_\_\_\_ > \_\_\_\_\_ > \_\_\_\_\_

②  $\frac{1}{2}, 0.6, \frac{3}{4}$       \_\_\_\_\_ > \_\_\_\_\_ > \_\_\_\_\_

③  $4\frac{3}{5}, 4.55, 4.7$       \_\_\_\_\_ > \_\_\_\_\_ > \_\_\_\_\_

④  $3.35, 3\frac{1}{4}, 3\frac{1}{5}$       \_\_\_\_\_ > \_\_\_\_\_ > \_\_\_\_\_

⑤  $\frac{9}{10}, 1.1, 1.05$       \_\_\_\_\_ > \_\_\_\_\_ > \_\_\_\_\_

把分數化成小數(答案取至兩位小數)：

Express fractions in decimals

(round off to 2-decimal places) :

①  $\frac{5}{12} \approx$   
\_\_\_\_\_

②  $1\frac{2}{7} \approx$   
\_\_\_\_\_

③  $3\frac{3}{8} \approx$   
\_\_\_\_\_

④  $\frac{4}{15} \approx$   
\_\_\_\_\_