

**Ch.2 分數及小數**

Q.1 把下列各數約至最簡。

例 (a)  $\frac{33}{44}$

= \_\_\_\_\_

(b)  $\frac{10}{80}$

= \_\_\_\_\_

(c)  $\frac{240}{360}$

= \_\_\_\_\_

(d)  $\frac{54}{72}$

= \_\_\_\_\_

(e)  $\frac{45}{250}$

= \_\_\_\_\_

(f)  $\frac{255}{195}$

= \_\_\_\_\_

Q.2 填上下列空格，以取得相等的分數。

例 (a)  $\frac{1}{5} = \frac{(\quad)}{10}$

(b)  $\frac{3}{10} = \frac{(\quad)}{100}$

(c)  $\frac{1}{3} = \frac{(\quad)}{12}$

(d)  $\frac{4}{10} = \frac{(\quad)}{100}$

(e)  $\frac{2}{5} = \frac{(\quad)}{100}$

(f)  $\frac{7}{20} = \frac{(\quad)}{40}$

Q.3 把下列各小數化成最簡分數。

例 (a) 0.35

=  $\frac{35}{100}$

= \_\_\_\_\_

(b) 0.375

=

= \_\_\_\_\_

(c) 2.5

=

= \_\_\_\_\_

(d) 0.625

=

= \_\_\_\_\_

(e) 0.25

=

= \_\_\_\_\_

(f) 1.4

=

= \_\_\_\_\_

Q.4 把下列各分數化成小數。

例 (a)  $\frac{9}{20}$

= \_\_\_\_\_

(b)  $\frac{10}{80}$

= \_\_\_\_\_

(d)  $\frac{27}{8}$

= \_\_\_\_\_

(e)  $3\frac{3}{16}$

= \_\_\_\_\_

Q.5 計算下列各題。

例 (a)  $\frac{4}{9} + \frac{7}{12} - \frac{5}{18}$

= \_\_\_\_\_  
 = \_\_\_\_\_  
 = \_\_\_\_\_

(c)  $\frac{3}{8} + \frac{5}{6}$

= \_\_\_\_\_  
 = \_\_\_\_\_

(e)  $\frac{3}{2} - \frac{5}{4} + \frac{11}{8}$

= \_\_\_\_\_  
 = \_\_\_\_\_  
 = \_\_\_\_\_

例 (g)  $1\frac{4}{5} \times \frac{7}{12}$

= \_\_\_\_\_  
 = \_\_\_\_\_  
 = \_\_\_\_\_

(i)  $\frac{3}{4} \times \frac{8}{9}$

= \_\_\_\_\_  
 = \_\_\_\_\_  
 = \_\_\_\_\_

(k)  $\frac{4}{25} \div \frac{2}{5}$

= \_\_\_\_\_  
 = \_\_\_\_\_  
 = \_\_\_\_\_

(m)  $\frac{7}{8} \times \frac{4}{5} \div \frac{14}{15}$

= \_\_\_\_\_  
 = \_\_\_\_\_  
 = \_\_\_\_\_  
 = \_\_\_\_\_

(b)  $\frac{5}{9} + \frac{5}{9} - \frac{4}{9}$

= \_\_\_\_\_  
 = \_\_\_\_\_  
 = \_\_\_\_\_

(d)  $\frac{6}{11} + 2\frac{3}{11} - 1\frac{10}{11}$

= \_\_\_\_\_  
 = \_\_\_\_\_

(f)  $\frac{11}{35} + \frac{56}{77}$

= \_\_\_\_\_  
 = \_\_\_\_\_  
 = \_\_\_\_\_

例 (h)  $\frac{4}{15} \div 2\frac{2}{3}$

= \_\_\_\_\_  
 = \_\_\_\_\_  
 = \_\_\_\_\_

(j)  $\frac{5}{8} \times 1\frac{5}{7}$

= \_\_\_\_\_  
 = \_\_\_\_\_  
 = \_\_\_\_\_

(l)  $\frac{5}{6} \div 1\frac{1}{9}$

= \_\_\_\_\_  
 = \_\_\_\_\_  
 = \_\_\_\_\_

(n)  $\frac{10}{21} \times 1\frac{31}{32} \div 8\frac{1}{3}$

= \_\_\_\_\_  
 = \_\_\_\_\_  
 = \_\_\_\_\_  
 = \_\_\_\_\_

Q.6 計算下列各題。

例 (a)  $1.3 \times 2.4$

= \_\_\_\_\_

(c)  $0.23 + 1.59$

= \_\_\_\_\_

(e)  $2.45 + 3.3$

= \_\_\_\_\_

(g)  $1.7 \times 3.4$

= \_\_\_\_\_

(i)  $0.25 \times 3.2$

= \_\_\_\_\_

例 (b)  $12 \div 2.4$

= \_\_\_\_\_

(d)  $4.27 - 1.95$

= \_\_\_\_\_

(f)  $5.25 - 3.3$

= \_\_\_\_\_

(h)  $2.4 \div 0.8$

= \_\_\_\_\_

(j)  $3.8 \div 1.25$

= \_\_\_\_\_

Q.7 \*\*\* 「挑戰題」

(a)  $\frac{\frac{2}{3}}{2 - \frac{4}{5}}$

= \_\_\_\_\_

= \_\_\_\_\_

= \_\_\_\_\_

= \_\_\_\_\_

= \_\_\_\_\_

(b)  $\frac{1}{2 + \frac{1}{3 + \frac{1}{2}}}$

= \_\_\_\_\_

= \_\_\_\_\_

= \_\_\_\_\_

= \_\_\_\_\_

= \_\_\_\_\_