

### Fraction different

- (a) Fraction with same denominator are called unlike fraction
- (b) A mixed fraction number is a combination of whole number and a proper fraction
- (c) A fraction greater than 1 always called Improper fraction.
- (d) In  $\frac{17}{18}$  numerator is 17.
- (e) The lowest term of 10 by 10 is 1
- (f) 1 one bit make a whole
- (g) A Proper fraction is always less than 1.
- (h) There are 9 halves  $4\frac{1}{2}$ .
- (i) Fraction with same same denominator like fraction

$$2. \textcircled{a} \quad \frac{3}{5} \text{ of } 25$$

$$= \frac{3}{5} \times 25$$

$$= 15$$

\textcircled{b} mixed number

$$= \frac{19}{2}$$

$$= 9 \frac{1}{2}$$

\textcircled{c} Express  $6 \frac{2}{9}$  improper fraction

$$\frac{56}{9}$$

$$\textcircled{d} \quad \frac{3}{4} < \frac{2}{5}$$

$$= \frac{3}{4} < \frac{2}{5} \quad \begin{array}{l} 4 \times 2 = 8 \\ 3 \times 5 = 15 \end{array}$$

$$\textcircled{e} \quad \frac{18}{42}$$

$$= \frac{\cancel{18}^3}{\cancel{42}^6} = \frac{3}{7}$$

$$\textcircled{3} \cdot a \quad 2\frac{5}{13} + \frac{7}{13} + 3\frac{9}{26}$$

$$= \frac{31}{13} + \frac{7}{13} + \frac{88}{26}$$

$$= \frac{62 + 14 + 88}{26} = \frac{164}{26} = \frac{82}{13}$$

$$b \quad 5\frac{3}{9} \text{ from } 9\frac{5}{7}$$

$$= \frac{52}{9} \text{ from } \frac{68}{7}$$

$$= \frac{68}{7} - \frac{52}{9}$$

$$= \frac{612 - 364}{63}$$

$$= \frac{248}{63}$$

(c)

$$\frac{1}{5} \times \frac{3}{4} \times \frac{1}{2}$$

$$\frac{1 \times 3 \times 1}{5 \times 4 \times 2} = \frac{3}{40}$$

(d)

$$\frac{3}{5} + \frac{1}{2} - \frac{3}{4}$$

$$= \frac{6 + 5 - 3}{10} = \frac{8}{10} = \frac{4}{5}$$

~~$\frac{3}{5} + \frac{1}{2} - \frac{3}{4}$~~   
 ~~$\frac{6 + 5 - 3}{10} = \frac{8}{10}$~~   
 ~~$\frac{4}{5}$~~

$$\begin{array}{r} 2 \overline{) 10.4} \\ 4 \\ \hline 6 \\ 2 \overline{) 6.2} \\ 2 \\ \hline 4 \\ 2 \overline{) 4.1} \\ 2 \\ \hline 2 \\ 1 \end{array}$$

$$\frac{11}{10} - \frac{3}{4}$$

$$= \frac{22 - 15}{20} = \frac{7}{20}$$

$$\frac{7}{20}$$

②  $\frac{7}{2}$  into 7 pieces

$$7 - \frac{7}{2}$$

$$= \frac{14}{2} - \frac{7}{2}$$

$$= \frac{7}{2}$$

$\frac{7}{2}$  is the length of each piece