Percent of a Number

Ⓐ Finding the certain percent of a number.

ex.1 75% of 60

Ⓐ Fraction

$\frac{75}{100} \times \frac{60}{}$

$\frac{3}{\cancel{4}_{1}} \times \frac{\cancel{60}^{15}}{1}$

$= 45$

Ⓑ Decimals

0.75×60

$0.\overset{3}{7}5$ ← 2# after decimal

$\times 60$

45.00

Ⓒ Fill in the blanks

is $\frac{?}{\text{of } 60} = \frac{75}{100}$ %

75% of 60

$? = \frac{6\cancel{0} \times 75}{10\cancel{0}}$

$= \frac{\cancel{6}^{3} \times 75}{\cancel{10}_{5}}$

$= 45$

- cross multiply
- divide by the left over number
- Reduce when you can

HIDDEN MESSAGE

⑦ $\frac{26}{\cancel{100}_{5}} \times \cancel{40}^{2} = \frac{26 \times 2}{5} = \frac{52}{5}$

$5\overline{)52}$ = 1, 5

0.26

$\times 40$

$10.4\cancel{0}$