

# 14

## 簡易方程(二)

解下列各方程。

①

$$6t + 5 = 47$$

$$6t + 5 - \boxed{5} = 47 - \boxed{5}$$

$$\underline{\hspace{10em}} \quad \frac{6t}{6} = \frac{42}{6}$$

$$\underline{\hspace{10em}} \quad \frac{6t}{6} = \frac{42}{6}$$

$$t = \underline{7}$$

驗算：

當  $t = \underline{7}$  ,

左邊 =  $6t + 5$

=  $\underline{6 \times 7 + 5}$

=  $\underline{47}$

= 右邊

②

$$\frac{c}{5} + 3 = 7$$

$$\frac{c}{5} + 3 - \boxed{3} = 7 - \boxed{3}$$

$$\underline{\hspace{10em}} \quad \frac{c}{5} = 4$$

$$\underline{\hspace{10em}} \quad \frac{c}{5} \times 5 = 4 \times 5$$

$$c = \underline{20}$$

驗算：

當  $c = \underline{20}$  ,

左邊 =  $\frac{c}{5} + 3$

=  $\underline{\frac{20}{5} + 3}$

=  $\underline{7}$

= 右邊

③

$$\frac{5e}{6} - 2.7 = 2.8$$

$$\begin{aligned} \frac{5e}{6} - 2.7 + 2.7 &= 2.8 + 2.7 \\ \frac{5e}{6} &= 5.5 \\ \frac{5e}{6} \times \frac{6}{5} &= 5.5 \times \frac{6}{5} \\ e &= 6.6 \end{aligned}$$

驗算：

當  $e = \underline{6.6}$  ,

左邊 =  $\frac{5e}{6} - 2.7$

=  $\underline{\frac{5 \times 6.6}{6} - 2.7}$

=  $\underline{5.5 - 2.7}$

=  $\underline{2.8}$

= 右邊

# 14

## 工作紙(二) 簡易方程(二)

日期：\_\_\_\_\_

我答對了\_\_\_\_\_題

 0-2 題  3-4 題  5-6 題

解下列各方程。

①  $5(a + 1) = 20$

$$\frac{5(a + 1)}{\boxed{5}} = \frac{20}{\boxed{5}}$$

$$a + 1 = 4$$

$$a + 1 - 1 = 4 - 1$$

$$a = 3$$

驗算：

當  $a = 3$ ，

左邊 =  $5(a + 1)$

=  $5(3 + 1)$

=  $20$

= 右邊

②  $0.7(m - 3) = 28$

$$\frac{0.7(m - 3)}{\boxed{0.7}} = \frac{28}{\boxed{0.7}}$$

$$m - 3 = 40$$

$$m - 3 + 3 = 40 + 3$$

$$m = 43$$

驗算：

當  $m = 43$ ，

左邊 =  $0.7(m - 3)$

=  $0.7(43 - 3)$

=  $28$

= 右邊

③  $\frac{b - 2}{6} = 2$

$$\frac{b - 2}{6} \times \boxed{6} = 2 \times \boxed{6}$$

$$b - 2 = 12$$

$$b - 2 + 2 = 12 + 2$$

$$b = 14$$

驗算：

當  $b = 14$ ，

左邊 =  $\frac{b - 2}{6}$

=  $\frac{14 - 2}{6}$

=  $2$

= 右邊

④  $(c + 3) \times 80\% = 20$

$$\frac{80(c+3)}{100} = 20$$

$$\frac{80(c+3)}{100} \times \frac{100}{80} = 20 \times \frac{100}{80}$$

$$c + 3 = 25$$

$$c + 3 - 3 = 25 - 3$$

$$c = 22$$

驗算：

當  $c = 22$  ，

$$\begin{aligned} \text{左邊} &= (c + 3) \times 80\% \\ &= (22 + 3) \times 80\% \\ &= 25 \times 80\% \\ &= 20 \\ &= \text{右邊} \end{aligned}$$

⑤  $\frac{2(N + 5)}{3} = 6$

$$\frac{2(N+5)}{3} \times \frac{3}{2} = 6 \times \frac{3}{2}$$

$$N + 5 = 9$$

$$N + 5 - 5 = 9 - 5$$

$$N = 4$$

驗算：

當  $N = 4$  ，

$$\begin{aligned} \text{左邊} &= \frac{2(N+5)}{3} \\ &= \frac{2(4+5)}{3} \\ &= \frac{2 \times 9}{3} \\ &= 6 \\ &= \text{右邊} \end{aligned}$$

⑥  $\frac{4(d - 2.1)}{5} = 6.4$

$$\frac{4(d-2.1)}{5} \times \frac{5}{4} = 6.4 \times \frac{5}{4}$$

$$d - 2.1 = 8$$

$$d - 2.1 + 2.1 = 8 + 2.1$$

$$d = 10.1$$

驗算：

當  $d = 10.1$  ，

$$\begin{aligned} \text{左邊} &= \frac{4(d-2.1)}{5} \\ &= \frac{4(10.1-2.1)}{5} \\ &= \frac{4 \times 8}{5} \\ &= 6.4 \\ &= \text{右邊} \end{aligned}$$