

This book has permission to use the "N&K method of COLORS".

1) **Question:** If  $\frac{y-2}{5} = m$  and if  $m = 4$ , find the value of  $y$ .

- A)  $7m$             *changed*  
B)  $5m$   
C)  $5m+2$   
D)  $5m-2$

For speed, while solving something similar, only **THINK** the words in blue; **WRITE** only the words in other **COLORS**.

**Solution:**

$$\begin{aligned}\frac{y-2}{5} &= m \\ \frac{y-2}{5} &= m \\ \left\{ \frac{y-2}{5} \right\} \times 5 &= m \times 5 \\ \left\{ \frac{y-2}{5} \right\} \times 5 &= m \times 5 \\ \left\{ \frac{y-2}{1} \right\} \times 1 &= m \times 5 \\ \{ y - 2 \} \times 1 &= m \times 5 \\ \{ y - 2 \} &= m \times 5 \\ y - 2 &= m \times 5\end{aligned}$$

$$\begin{aligned}y - 2 \quad +2 &= m \times 5 \quad +2 \\ y - 2 \quad +2 &= m \times 5 \quad +2 \\ y &= m \times 5 \quad +2\end{aligned}$$

$y$	$=$	$5m$	$+2$	<b>Answer (C)</b>
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