

Name Key  
Mrs. Roubos

Date \_\_\_\_\_  
8R Period \_\_\_\_\_

Do Now

Tyler can do  $x$  number of push-ups. Ryan can do 5 more than Tyler. They can do 85 push-ups in all. How many push-ups can Tyler do? Create an equation & solve

Tyler :  $x$

Ryan :  $x+5$

$$x + x + 5 = 85$$

$$2x + 5 = 85$$

$$\begin{array}{r} -5 \quad -5 \\ \hline \end{array}$$

$$\frac{2x}{2} = \frac{80}{2}$$

$$x = 40$$

