

Name Key  
Mrs. Roubos

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

DO NOW

Create an equation for the following word problem and then solve it.

\*\*The Smith family spent \$52 for circus tickets. This cost included a \$3.25 service fee for the order and the circus tickets cost \$9.75 each. How many tickets (t) did the Smith family buy?

$$\begin{array}{r} 9.75T + 3.25 = 52 \\ -3.25 \quad -3.25 \\ \hline 9.75T = 48.75 \\ \frac{9.75}{9.75} \quad \frac{48.75}{9.75} \\ T = 5 \end{array}$$

5 tickets

★2nd do now

Use the comm prop.  
to rearrange the following  
terms. Then simplify

$$4x + 6y + 3x - 2y$$

$$4x + 3x + 6y - 2y$$

$7x + 4y$

