



Name _____ Date _____

Assessment 1.OA.3- Apply properties of operations as strategies to add and subtract.

Write the math fact that shows the commutative property for each equation and solve.

1. $4 + 6 = \underline{\hspace{2cm}}$ $\underline{6} + \underline{4} = \underline{\hspace{2cm}}$	2. $2 + 8 = \underline{\hspace{2cm}}$ $\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$
3. $3 + 5 = \underline{\hspace{2cm}}$ $\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$	4. $4 + 5 = \underline{\hspace{2cm}}$ $\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$
5. $2 + 5 = \underline{\hspace{2cm}}$ $\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$	6. $6 + 3 = \underline{\hspace{2cm}}$ $\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$
7. $2 + 8 = \underline{\hspace{2cm}}$ $\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$	8. $1 + 8 = \underline{\hspace{2cm}}$ $\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

Draw a picture to prove that: $4 + 3$ is equal to $3 + 4$