Algebra Equations and Expressions

Can you complete these number sentences?
Try to look for patterns or balance across the equations.

$8 + 6 = \underline{} + 5$ $5 + 9 = 7 + \underline{}$

$18 + 6 = \underline{} + 15$ $35 + 19 = 36 + \underline{}$

$19 + \underline{} = 17 + 25$ $100 + \underline{} = 90 + 16$

Explain what you notice and how they are balanced.

John wants to work out if these number sentences below are true or false.
Which ones do you think are true or false?

$$4 + 4 + 4 + 4 = 4 \times 5$$

$$6 \times 3 = 6 + 6 + 6$$

$$2 \times 8 = 2 + 2 + 2$$

$$7 + 7 + 7 + 7 = (2 \times 7) + (2 \times 7)$$

Can you create any of your own true or false number sentences?