

## Relating Single Digit Addition to a Double Digit.

If you know that  $3 + 5 = 8$  you can easily solve  $30 + 50$  because you don't have to worry about adding numbers in the ones column.

$$\begin{array}{r} 30 = 3 \text{ tens} \\ + 50 = 5 \text{ tens} \\ \hline 80 = 8 \text{ tens} \end{array}$$

You can use the same rule to add numbers with three digits, or even 4 digits. For example,

$$\begin{array}{r} 300 = 3 \text{ hundreds} \\ + 500 = 5 \text{ hundreds} \\ \hline 800 = 8 \text{ hundreds} \end{array}$$

Just take off the zeros and add the numbers. Then, make sure you put the zeros back!

Let's try it with different numbers:

$$6 + 5 = 11$$

$$60 + 50 = 110$$

$$600 + 500 = 1,100$$

Now, use this rule to add the following numbers. Write the correct answers on the following blanks:

1.  $4 + 8 = 12$

$$40 + 80 = \underline{\hspace{2cm}}$$

$$400 + 800 = 1,200$$

**2.  $4 + 3 = 7$**

**$40 + 30 = 70$**

**$400 + 300 =$  \_\_\_\_\_**

**4.  $12 + 16 = 28$**

**$120 + 160 = 280$**

**$1,200 + 1,600 =$  \_\_\_\_\_**

**6.  $14 + 17 =$  \_\_\_\_\_**

**$140 + 170 =$  \_\_\_\_\_**

**$1,400 + 1,700 =$  \_\_\_\_\_**

**3.  $4 + 1 =$  \_\_\_\_\_**

**$40 + 10 =$  \_\_\_\_\_**

**$400 + 100 =$  \_\_\_\_\_**

**5.  $15 + 18 = 33$**

**$150 + 180 = 330$**

**$1,500 + 1,800 =$  \_\_\_\_\_**

**7.  $18 + 36 =$  \_\_\_\_\_**

**$180 + 360 =$  \_\_\_\_\_**

**$1,800 + 3,600 =$  \_\_\_\_\_**