

Name _____

Date _____

Reducing Numbers

Worksheet #2

All numbers reduce down to a single digit. This is done by adding the digits of a number together, until you just have one number. Usually you only have to do this once, but there are times when you will have to reduce twice.

Examples:

Reducing once:

$$10 \dots 1 + 0 = 1$$

$$22 \dots 2 + 2 = 4$$

$$11 \dots 1 + 1 = 2$$

$$27 \dots 2 + 7 = 9$$

Reducing twice

$$38 \dots 3 + 8 = 11, 1 + 1 = 2$$

$$49 \dots 4 + 9 = 13, 1 + 3 = 4$$

Reduce these numbers down to a single digit. (Pretend like there's a plus sign between the two numbers)

$$54 \underline{\hspace{1cm}}$$

$$33 \underline{\hspace{1cm}}$$

$$61 \underline{\hspace{1cm}}$$

$$72 \underline{\hspace{1cm}}$$

$$66 \underline{\hspace{1cm}}$$

$$48 \underline{\hspace{1cm}}$$

$$34 \underline{\hspace{1cm}}$$

$$29 \underline{\hspace{1cm}}$$

$$43 \underline{\hspace{1cm}}$$

$$87 \underline{\hspace{1cm}}$$

$$91 \underline{\hspace{1cm}}$$

$$17 \underline{\hspace{1cm}}$$

$$12 \underline{\hspace{1cm}}$$

$$46 \underline{\hspace{1cm}}$$

$$41 \underline{\hspace{1cm}}$$

$$59 \underline{\hspace{1cm}}$$

$$25 \underline{\hspace{1cm}}$$

$$53 \underline{\hspace{1cm}}$$

$$67 \underline{\hspace{1cm}}$$

$$99 \underline{\hspace{1cm}}$$

$$87 \underline{\hspace{1cm}}$$

$$24 \underline{\hspace{1cm}}$$

$$23 \underline{\hspace{1cm}}$$

$$51 \underline{\hspace{1cm}}$$

$$77 \underline{\hspace{1cm}}$$

$$69 \underline{\hspace{1cm}}$$

$$47 \underline{\hspace{1cm}}$$

$$93 \underline{\hspace{1cm}}$$

$$16 \underline{\hspace{1cm}}$$

$$63 \underline{\hspace{1cm}}$$