**Doubling! Quadrupling!**

 See how doubling is the same as multiplying by 2! When you double a double it is like multiplying a number by 4!

Directions: See how fast you can complete the equations and drawings below that focus on doubling numbers. After fill out the table of doubling ( which is multiplying a number by two) and doubling those numbers ( to see determine the answers when they are multiplied by 4)!

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| --- | --- | --- |
| Doubling addition | 2 groups of \_\_\_ | Multiplication equation |
| 1+ 1 = \_\_\_\_ |  | 2 X 1 = |
| 2+ 2= \_\_\_ |  | 2X 2= |
| 3+3=\_\_\_\_ |  | 2X 3= |
| 4+4= \_\_\_ |  | 2X4 = |
| 5+5=\_\_\_ |  | 2x5= |
| 6+6=\_\_\_ |  | 2x6=  |
| 7+7=\_\_\_ |  | 2x7= |
| 8+8=\_\_\_ |  | 2x8= |
| 9+9=\_\_\_\_ |  | 2x9= |
| 10+10=\_\_\_\_ |  | 2x10= |

|  |  |  |  |
| --- | --- | --- | --- |
| Doubling numbers | 2 times tables | Double your answers when you multiplied them times 2  | 4 times tables |
| 1+ 1 = \_\_\_\_ | 2 X 1 = |  | 4 x 1=  |
| 2+ 2= \_\_\_ | 2X 2= |  | 4 x 2=  |
| 3+3=\_\_\_\_ | 2X 3= |  | 4 x 3 =  |
| 4+4= \_\_\_ | 2X4 = |  | 4 x 4 =  |
| 5+5=\_\_\_ | 2x5= |  | 4 x 5 =  |
| 6+6=\_\_\_ | 2x6=  |  | 4 x 6 =  |
| 7+7=\_\_\_ | 2x7= |  | 4 x 7=  |
| 8+8=\_\_\_ | 2x8= |  | 4 x 8=  |
| 9+9=\_\_\_\_ | 2x9= |  | 4 x 9 =  |
| 10+10=\_\_\_\_ | 2x10= |  | 4 x 10 =  |