

# Double, Then Double Again

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Facts to  $9 \times 9$  - work the steps from left to right, then write the answer.

**How it works: Double, Then Double Again** Multiplying by 4 is doubling twice. By 8? Double three times.

$8 \times 8 = \underline{64}$

*double it*

$8 \times 2 = \underline{16}$

*double it again*

$\underline{16} \times 2 = \underline{32}$

*and double once more*

$\underline{32} \times 2 = \underline{64}$

1)  $4 \times 4 = \underline{\quad}$

*double it*

$4 \times 2 = \underline{\quad}$

*double it again*

$\underline{\quad} \times 2 = \underline{\quad}$

2)  $7 \times 4 = \underline{\quad}$

*double it*

$7 \times 2 = \underline{\quad}$

*double it again*

$\underline{\quad} \times 2 = \underline{\quad}$

3)  $4 \times 3 = \underline{\quad}$

*double it*

$3 \times 2 = \underline{\quad}$

*double it again*

$\underline{\quad} \times 2 = \underline{\quad}$

4)  $6 \times 8 = \underline{\quad}$

*double it*

$6 \times 2 = \underline{\quad}$

*double it again*

$\underline{\quad} \times 2 = \underline{\quad}$

*and double once more*

$\underline{\quad} \times 2 = \underline{\quad}$

5)  $4 \times 8 = \underline{\quad}$

*double it*

$8 \times 2 = \underline{\quad}$

*double it again*

$\underline{\quad} \times 2 = \underline{\quad}$

6)  $7 \times 8 = \underline{\quad}$

*double it*

$7 \times 2 = \underline{\quad}$

*double it again*

$\underline{\quad} \times 2 = \underline{\quad}$

*and double once more*

$\underline{\quad} \times 2 = \underline{\quad}$

7)  $3 \times 8 = \underline{\quad}$

*double it*

$3 \times 2 = \underline{\quad}$

*double it again*

$\underline{\quad} \times 2 = \underline{\quad}$

*and double once more*

$\underline{\quad} \times 2 = \underline{\quad}$

8)  $6 \times 4 = \underline{\quad}$

*double it*

$6 \times 2 = \underline{\quad}$

*double it again*

$\underline{\quad} \times 2 = \underline{\quad}$



# Answer Key

## Double, Then Double Again - Facts to 9 x 9

Every step is filled in. Check your work.

**How it works: Double, Then Double Again** Multiplying by 4 is doubling twice. By 8? Double three times.

$$8 \times 8 = \underline{64}$$

*double it*

$$8 \times 2 = \underline{16}$$

*double it again*

$$\underline{16} \times 2 = \underline{32}$$

*and double once more*

$$\underline{32} \times 2 = \underline{64}$$

1)  $4 \times 4 = \underline{16}$

*double it*

$$4 \times 2 = \underline{8}$$

*double it again*

$$\underline{8} \times 2 = \underline{16}$$

2)  $7 \times 4 = \underline{28}$

*double it*

$$7 \times 2 = \underline{14}$$

*double it again*

$$\underline{14} \times 2 = \underline{28}$$

3)  $4 \times 3 = \underline{12}$

*double it*

$$3 \times 2 = \underline{6}$$

*double it again*

$$\underline{6} \times 2 = \underline{12}$$

4)  $6 \times 8 = \underline{48}$

*double it*

$$6 \times 2 = \underline{12}$$

*double it again*

$$\underline{12} \times 2 = \underline{24}$$

*and double once more*

$$\underline{24} \times 2 = \underline{48}$$

5)  $4 \times 8 = \underline{32}$

*double it*

$$8 \times 2 = \underline{16}$$

*double it again*

$$\underline{16} \times 2 = \underline{32}$$

6)  $7 \times 8 = \underline{56}$

*double it*

$$7 \times 2 = \underline{14}$$

*double it again*

$$\underline{14} \times 2 = \underline{28}$$

*and double once more*

$$\underline{28} \times 2 = \underline{56}$$

7)  $3 \times 8 = \underline{24}$

*double it*

$$3 \times 2 = \underline{6}$$

*double it again*

$$\underline{6} \times 2 = \underline{12}$$

*and double once more*

$$\underline{12} \times 2 = \underline{24}$$

8)  $6 \times 4 = \underline{24}$

*double it*

$$6 \times 2 = \underline{12}$$

*double it again*

$$\underline{12} \times 2 = \underline{24}$$

