

Double, Then Double Again

Name: _____

Date: _____

Bigger numbers - 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.

$34 \times 8 = \underline{272}$

double it
 $34 \times 2 = \underline{68}$

double it again
 $\underline{68} \times 2 = \underline{136}$

and double once more
 $\underline{136} \times 2 = \underline{272}$

1) $28 \times 8 = \underline{\quad}$

double it
 $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

double it again
 $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

and double once more
 $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

2) $27 \times 8 = \underline{\quad}$

double it
 $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

double it again
 $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

and double once more
 $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

3) $8 \times 12 = \underline{\quad}$

double it
 $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

double it again
 $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

and double once more
 $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

4) $4 \times 23 = \underline{\quad}$

double it
 $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

double it again
 $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

5) $8 \times 44 = \underline{\quad}$

double it
 $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

double it again
 $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

and double once more
 $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

6) $8 \times 21 = \underline{\quad}$

double it
 $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

double it again
 $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

and double once more
 $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

7) $8 \times 22 = \underline{\quad}$

double it
 $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

double it again
 $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

and double once more
 $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

8) $46 \times 4 = \underline{\quad}$

double it
 $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

double it again
 $\underline{\quad} \times \underline{\quad} = \underline{\quad}$



Answer Key

Double, Then Double Again - Bigger numbers

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.

$$34 \times 8 = \underline{272}$$

double it

$$34 \times 2 = \underline{68}$$

double it again

$$\underline{68} \times 2 = \underline{136}$$

and double once more

$$\underline{136} \times 2 = \underline{272}$$

1) $28 \times 8 = \underline{224}$

double it

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

double it again

$$\underline{56} \times \underline{2} = \underline{112}$$

and double once more

$$\underline{112} \times \underline{2} = \underline{224}$$

2) $27 \times 8 = \underline{216}$

double it

$$\underline{27} \times \underline{2} = \underline{54}$$

double it again

$$\underline{54} \times \underline{2} = \underline{108}$$

and double once more

$$\underline{108} \times \underline{2} = \underline{216}$$

3) $8 \times 12 = \underline{96}$

double it

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

double it again

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

and double once more

$$\underline{48} \times \underline{2} = \underline{96}$$

4) $4 \times 23 = \underline{92}$

double it

$$\underline{23} \times \underline{2} = \underline{46}$$

double it again

$$\underline{46} \times \underline{2} = \underline{92}$$

5) $8 \times 44 = \underline{352}$

double it

$$\underline{44} \times \underline{2} = \underline{88}$$

double it again

$$\underline{88} \times \underline{2} = \underline{176}$$

and double once more

$$\underline{176} \times \underline{2} = \underline{352}$$

6) $8 \times 21 = \underline{168}$

double it

$$\underline{21} \times \underline{2} = \underline{42}$$

double it again

$$\underline{42} \times \underline{2} = \underline{84}$$

and double once more

$$\underline{84} \times \underline{2} = \underline{168}$$

7) $8 \times 22 = \underline{176}$

double it

$$\underline{22} \times \underline{2} = \underline{44}$$

double it again

$$\underline{44} \times \underline{2} = \underline{88}$$

and double once more

$$\underline{88} \times \underline{2} = \underline{176}$$

8) $46 \times 4 = \underline{184}$

double it

$$\underline{46} \times \underline{2} = \underline{92}$$

double it again

$$\underline{92} \times \underline{2} = \underline{184}$$

