



Determine the placement of the decimal in each product.

$$5.809 \times 7.8 = 453102$$

1. Count the quantity of numbers to the right of the decimal for each factor.

5.809 has 3 numbers right of the decimal (5.809)

7.8 has 1 number right of the decimal (7.8)

2. Add the amounts together. Your answer should have the same quantity of numbers to the right of the decimal.

$$3 + 1 = 4$$

$$5.\underline{089} (3) \times 7.\underline{8} (1) = 45.\underline{3102} (4)$$

Also notice that $5 \times 7 = 35$ and $6 \times 8 = 48$, so 5.809×7.8 will be a more than 35 but less than 48.

- 1) $9.4 \times 4 =$ 3 7 6
- 2) $1 \times 7.11 =$ 7 1 1
- 3) $2.73 \times 8.925 =$ 2 4 3 6 5 2 5
- 4) $6.24 \times 3.293 =$ 2 0 5 4 8 3 2
- 5) $5.569 \times 7.19 =$ 4 0 0 4 1 1 1
- 6) $5 \times 2.874 =$ 1 4 3 7 0
- 7) $3.42 \times 2.6 =$ 8 8 9 2
- 8) $7.47 \times 6.5 =$ 4 8 5 5 5
- 9) $7 \times 2.151 =$ 1 5 0 5 7
- 10) $1.123 \times 6.8 =$ 7 6 3 6 4
- 11) $7 \times 8.3 =$ 5 8 1
- 12) $9.7 \times 9.687 =$ 9 3 9 6 3 9
- 13) $3 \times 1.3 =$ 3 9
- 14) $1.3 \times 5.92 =$ 7 6 9 6
- 15) $6.755 \times 9.6 =$ 6 4 8 4 8 0
- 16) $8.789 \times 5.4 =$ 4 7 4 6 0 6
- 17) $2.6 \times 4 =$ 1 0 4
- 18) $9.869 \times 6.55 =$ 6 4 6 4 1 9 5
- 19) $3 \times 5.1 =$ 1 5 3
- 20) $4.3 \times 5 =$ 2 1 5

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