



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.

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____
19. _____
20. _____

- 1) $1.258 \times 9.78 =$ 1 2 3 0 3 2 4
- 2) $3.7 \times 3 =$ 1 1 1
- 3) $3.9 \times 8.177 =$ 3 1 8 9 0 3
- 4) $3.4 \times 2.958 =$ 1 0 0 5 7 2
- 5) $6.75 \times 2 =$ 1 3 5 0
- 6) $2.7 \times 2 =$ 5 4
- 7) $1.54 \times 2 =$ 3 0 8
- 8) $9.92 \times 7.131 =$ 7 0 7 3 9 5 2
- 9) $2 \times 9.92 =$ 1 9 8 4
- 10) $7.752 \times 1.5 =$ 1 1 6 2 8 0
- 11) $8.9 \times 8 =$ 7 1 2
- 12) $5.23 \times 5.573 =$ 2 9 1 4 6 7 9
- 13) $8.6 \times 8.78 =$ 7 5 5 0 8
- 14) $9 \times 2.212 =$ 1 9 9 0 8
- 15) $8.9 \times 9.185 =$ 8 1 7 4 6 5
- 16) $2.582 \times 1 =$ 2 5 8 2
- 17) $1.913 \times 5.2 =$ 9 9 4 7 6
- 18) $3.8 \times 6.233 =$ 2 3 6 8 5 4
- 19) $5.16 \times 4 =$ 2 0 6 4
- 20) $7 \times 2.841 =$ 1 9 8 8 7



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) $1.258 \times 9.78 =$ 1 2 . 3 0 3 2 4
- 2) $3.7 \times 3 =$ 1 1 . 1
- 3) $3.9 \times 8.177 =$ 3 1 . 8 9 0 3
- 4) $3.4 \times 2.958 =$ 1 0 . 0 5 7 2
- 5) $6.75 \times 2 =$ 1 3 . 5 0
- 6) $2.7 \times 2 =$ 5 . 4
- 7) $1.54 \times 2 =$ 3 . 0 8
- 8) $9.92 \times 7.131 =$ 7 0 . 7 3 9 5 2
- 9) $2 \times 9.92 =$ 1 9 . 8 4
- 10) $7.752 \times 1.5 =$ 1 1 . 6 2 8 0
- 11) $8.9 \times 8 =$ 7 1 . 2
- 12) $5.23 \times 5.573 =$ 2 9 . 1 4 6 7 9
- 13) $8.6 \times 8.78 =$ 7 5 . 5 0 8
- 14) $9 \times 2.212 =$ 1 9 . 9 0 8
- 15) $8.9 \times 9.185 =$ 8 1 . 7 4 6 5
- 16) $2.582 \times 1 =$ 2 . 5 8 2
- 17) $1.913 \times 5.2 =$ 9 . 9 4 7 6
- 18) $3.8 \times 6.233 =$ 2 3 . 6 8 5 4
- 19) $5.16 \times 4 =$ 2 0 . 6 4
- 20) $7 \times 2.841 =$ 1 9 . 8 8 7

Answers

- 1. 12.30324
- 2. 11.1
- 3. 31.8903
- 4. 10.0572
- 5. 13.50
- 6. 5.4
- 7. 3.08
- 8. 70.73952
- 9. 19.84
- 10. 11.6280
- 11. 71.2
- 12. 29.14679
- 13. 75.508
- 14. 19.908
- 15. 81.7465
- 16. 2.582
- 17. 9.9476
- 18. 23.6854
- 19. 20.64
- 20. 19.887