



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. _____

- 1) $8 \times 2.89 =$ 2 3 1 2
- 2) $5.8 \times 1.184 =$ 6 8 6 7 2
- 3) $8.9 \times 3 =$ 2 6 7
- 4) $5 \times 4.271 =$ 2 1 3 5 5
- 5) $8.794 \times 6 =$ 5 2 7 6 4
- 6) $5.6 \times 9.36 =$ 5 2 4 1 6
- 7) $6.471 \times 5.4 =$ 3 4 9 4 3 4
- 8) $3.47 \times 9.514 =$ 3 3 0 1 3 5 8
- 9) $4.93 \times 5.4 =$ 2 6 6 2 2
- 10) $1.47 \times 2 =$ 2 9 4
- 11) $5.58 \times 5.3 =$ 2 9 5 7 4
- 12) $9.434 \times 8.1 =$ 7 6 4 1 5 4
- 13) $7.66 \times 1.7 =$ 1 3 0 2 2
- 14) $4 \times 2.31 =$ 9 2 4
- 15) $9.35 \times 9.8 =$ 9 1 6 3 0
- 16) $9.2 \times 9.178 =$ 8 4 4 3 7 6
- 17) $1.66 \times 7.7 =$ 1 2 7 8 2
- 18) $9.355 \times 6.7 =$ 6 2 6 7 8 5
- 19) $9.728 \times 6.6 =$ 6 4 2 0 4 8



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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.

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

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) $8 \times 2.89 =$ 2 3 . 1 2
- 2) $5.8 \times 1.184 =$ 6 . 8 6 7 2
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- 1. 23.12
- 2. 6.8672
- 3. 26.7
- 4. 21.355
- 5. 52.764
- 6. 52.416
- 7. 34.9434
- 8. 33.01358
- 9. 26.622
- 10. 2.94
- 11. 29.574
- 12. 76.4154
- 13. 13.022
- 14. 9.24
- 15. 91.630
- 16. 84.4376
- 17. 12.782
- 18. 62.6785
- 19. 64.2048