

**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) $5.83 \times 9 =$ 5 2 4 7
- 2) $2.772 \times 6.7 =$ 1 8 5 7 2 4
- 3) $9 \times 2.99 =$ 2 6 9 1
- 4) $2 \times 7.34 =$ 1 4 6 8
- 5) $6.24 \times 2.5 =$ 1 5 6 0 0
- 6) $8 \times 4.9 =$ 3 9 2
- 7) $8.88 \times 5.639 =$ 5 0 0 7 4 3 2
- 8) $3.224 \times 9.96 =$ 3 2 1 1 1 0 4
- 9) $5 \times 8.553 =$ 4 2 7 6 5
- 10) $5 \times 4.834 =$ 2 4 1 7 0
- 11) $1 \times 2.465 =$ 2 4 6 5
- 12) $8.3 \times 5.751 =$ 4 7 7 3 3 3
- 13) $4.39 \times 8 =$ 3 5 1 2
- 14) $9.44 \times 7 =$ 6 6 0 8
- 15) $1.54 \times 7 =$ 1 0 7 8
- 16) $1 \times 6.3 =$ 6 3
- 17) $8.391 \times 5 =$ 4 1 9 5 5
- 18) $7 \times 2.661 =$ 1 8 6 2 7
- 19) $9.17 \times 6.8 =$ 6 2 3 5 6

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Answers

1. **52.47**

2. **18.5724**

3. **26.91**

4. **14.68**

5. **15.600**

6. **39.2**

7. **50.07432**

8. **32.11104**

9. **42.765**

10. **24.170**

11. **2.465**

12. **47.7333**

13. **35.12**

14. **66.08**

15. **10.78**

16. **6.3**

17. **41.955**

18. **18.627**

19. **62.356**

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