

**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) $9 \times 6.233 =$ 5 6 0 9 7
- 2) $3.4 \times 6.117 =$ 2 0 7 9 7 8
- 3) $9.443 \times 5 =$ 4 7 2 1 5
- 4) $7.264 \times 1.3 =$ 9 4 4 3 2
- 5) $2 \times 5.75 =$ 1 1 5 0
- 6) $5.4 \times 1.832 =$ 9 8 9 2 8
- 7) $4.3 \times 1.164 =$ 5 0 0 5 2
- 8) $4.596 \times 6.7 =$ 3 0 7 9 3 2
- 9) $4 \times 4.38 =$ 1 7 5 2
- 10) $8.325 \times 8.11 =$ 6 7 5 1 5 7 5
- 11) $2 \times 5.2 =$ 1 0 4
- 12) $4.4 \times 9.42 =$ 4 1 4 4 8
- 13) $9.21 \times 2.7 =$ 2 4 8 6 7
- 14) $6.1 \times 6.122 =$ 3 7 3 4 4 2
- 15) $4 \times 5.91 =$ 2 3 6 4
- 16) $6.222 \times 2.2 =$ 1 3 6 8 8 4
- 17) $8 \times 4.57 =$ 3 6 5 6
- 18) $5 \times 3.42 =$ 1 7 1 0
- 19) $3.295 \times 8 =$ 2 6 3 6 0

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Answers

1. **56.097**

2. **20.7978**

3. **47.215**

4. **9.4432**

5. **11.50**

6. **9.8928**

7. **5.0052**

8. **30.7932**

9. **17.52**

10. **67.51575**

11. **10.4**

12. **41.448**

13. **24.867**

14. **37.3442**

15. **23.64**

16. **13.6884**

17. **36.56**

18. **17.10**

19. **26.360**

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