



Determine the placement of the decimal in each product.

$$5.809 \times 7.8 = \quad 4 \quad 5 \quad 3 \quad 1 \quad 0 \quad 2$$

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.

$$3 + 1 = 4$$

$$5.\underline{809} (3) \times 7.\underline{8} (1) = 45.\underline{3102} (4)$$

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) $2 \times 5.26 = \quad 1 \quad 0 \quad 5 \quad 2$

2) $7.1 \times 2.15 = \quad 1 \quad 5 \quad 2 \quad 6 \quad 5$

3) $5.222 \times 5.63 = \quad 2 \quad 9 \quad 3 \quad 9 \quad 9 \quad 8 \quad 6$

4) $9.77 \times 5.4 = \quad 5 \quad 2 \quad 7 \quad 5 \quad 8$

5) $2.57 \times 9.4 = \quad 2 \quad 4 \quad 1 \quad 5 \quad 8$

6) $5 \times 4.9 = \quad 2 \quad 4 \quad 5$

7) $7.528 \times 9.32 = \quad 7 \quad 0 \quad 1 \quad 6 \quad 0 \quad 9 \quad 6$

8) $4.3 \times 2.872 = \quad 1 \quad 2 \quad 3 \quad 4 \quad 9 \quad 6$

9) $9.75 \times 1.861 = \quad 1 \quad 8 \quad 1 \quad 4 \quad 4 \quad 7 \quad 5$

10) $6.4 \times 9.355 = \quad 5 \quad 9 \quad 8 \quad 7 \quad 2 \quad 0$

11) $1.31 \times 7.3 = \quad 9 \quad 5 \quad 6 \quad 3$

12) $7 \times 7.1 = \quad 4 \quad 9 \quad 7$

13) $1.554 \times 5.1 = \quad 7 \quad 9 \quad 2 \quad 5 \quad 4$

14) $5.5 \times 9.56 = \quad 5 \quad 2 \quad 5 \quad 8 \quad 0$

15) $7.867 \times 9.4 = \quad 7 \quad 3 \quad 9 \quad 4 \quad 9 \quad 8$

16) $1 \times 5.27 = \quad 5 \quad 2 \quad 7$

17) $6.1 \times 1.44 = \quad 8 \quad 7 \quad 8 \quad 4$

18) $3.181 \times 4.84 = \quad 1 \quad 5 \quad 3 \quad 9 \quad 6 \quad 0 \quad 4$

19) $2.4 \times 4.514 = \quad 1 \quad 0 \quad 8 \quad 3 \quad 3 \quad 6$

20) $3.39 \times 8.621 = \quad 2 \quad 9 \quad 2 \quad 2 \quad 5 \quad 1 \quad 9$