



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.

$$3 + 1 = 4$$

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

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) $4.321 \times 5.76 =$ 2 4 8 8 8 9 6

2) $9 \times 2.943 =$ 2 6 4 8 7

3) $2.371 \times 6.7 =$ 1 5 8 8 5 7

4) $3 \times 7.258 =$ 2 1 7 7 4

5) $1 \times 6.17 =$ 6 1 7

6) $5 \times 9.7 =$ 4 8 5

7) $3.1 \times 9.459 =$ 2 9 3 2 2 9

8) $5 \times 5.2 =$ 2 6 0

9) $2.5 \times 1.21 =$ 3 0 2 5

10) $3.685 \times 7.55 =$ 2 7 8 2 1 7 5

11) $2.882 \times 7.6 =$ 2 1 9 0 3 2

12) $6.898 \times 6.94 =$ 4 7 8 7 2 1 2

13) $5.995 \times 8.7 =$ 5 2 1 5 6 5

14) $8.55 \times 5.626 =$ 4 8 1 0 2 3 0

15) $6 \times 7.71 =$ 4 6 2 6

16) $9.332 \times 1.5 =$ 1 3 9 9 8 0

17) $1.95 \times 6.692 =$ 1 3 0 4 9 4 0

18) $7.635 \times 2.5 =$ 1 9 0 8 7 5

19) $9.22 \times 7.5 =$ 6 9 1 5 0

20) $1.9 \times 1.16 =$ 2 2 0 4