



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  $5.809 \times 7.8$  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)  $4.7 \times 1.768 =$       8 3 0 9 6
- 2)  $2.456 \times 5.8 =$       1 4 2 4 4 8
- 3)  $9 \times 3.83 =$       3 4 4 7
- 4)  $1.39 \times 8.251 =$     1 1 4 6 8 8 9
- 5)  $6.6 \times 5.72 =$       3 7 7 5 2
- 6)  $8 \times 9.812 =$       7 8 4 9 6
- 7)  $6.48 \times 2 =$       1 2 9 6
- 8)  $7.87 \times 9 =$       7 0 8 3
- 9)  $2.96 \times 9.135 =$     2 7 0 3 9 6 0
- 10)  $8.915 \times 7.3 =$     6 5 0 7 9 5
- 11)  $5.16 \times 4.333 =$     2 2 3 5 8 2 8
- 12)  $5.5 \times 8.683 =$     4 7 7 5 6 5
- 13)  $5.89 \times 6.6 =$       3 8 8 7 4
- 14)  $2 \times 4.37 =$       8 7 4
- 15)  $1.935 \times 8 =$       1 5 4 8 0
- 16)  $7.4 \times 6 =$       4 4 4
- 17)  $9.455 \times 9 =$       8 5 0 9 5
- 18)  $6.75 \times 6 =$       4 0 5 0
- 19)  $4.114 \times 4 =$       1 6 4 5 6
- 20)  $2.43 \times 3.868 =$     9 3 9 9 2 4



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**Answers**

1. 8.3096
2. 14.2448
3. 34.47
4. 11.46889
5. 37.752
6. 78.496
7. 12.96
8. 70.83
9. 27.03960
10. 65.0795
11. 22.35828
12. 47.7565
13. 38.874
14. 8.74
15. 15.480
16. 44.4
17. 85.095
18. 40.50
19. 16.456
20. 9.39924