



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. _____
20. _____

- 1) $1 \times 3.1 =$ 3 1
- 2) $9.46 \times 4 =$ 3 7 8 4
- 3) $7 \times 1.65 =$ 1 1 5 5
- 4) $6 \times 4.9 =$ 2 9 4
- 5) $4.93 \times 6.315 =$ 3 1 1 3 2 9 5
- 6) $4.254 \times 5.5 =$ 2 3 3 9 7 0
- 7) $3.496 \times 1 =$ 3 4 9 6
- 8) $2.6 \times 8.98 =$ 2 3 3 4 8
- 9) $4.4 \times 2.45 =$ 1 0 7 8 0
- 10) $7 \times 4.3 =$ 3 0 1
- 11) $1.34 \times 8.4 =$ 1 1 2 5 6
- 12) $9.517 \times 3 =$ 2 8 5 5 1
- 13) $8.1 \times 6.135 =$ 4 9 6 9 3 5
- 14) $6 \times 3.8 =$ 2 2 8
- 15) $5 \times 2.38 =$ 1 1 9 0
- 16) $6.445 \times 6.1 =$ 3 9 3 1 4 5
- 17) $5.44 \times 4 =$ 2 1 7 6
- 18) $1 \times 5.785 =$ 5 7 8 5
- 19) $8.6 \times 6 =$ 5 1 6
- 20) $1.12 \times 5.157 =$ 5 7 7 5 8 4



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

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.

- 1) $1 \times 3.1 = 3 . 1$
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- 20) $1.12 \times 5.157 = 5 . 7 7 5 8 4$

Answers

- 1. 3.1
- 2. 37.84
- 3. 11.55
- 4. 29.4
- 5. 31.13295
- 6. 23.3970
- 7. 3.496
- 8. 23.348
- 9. 10.780
- 10. 30.1
- 11. 11.256
- 12. 28.551
- 13. 49.6935
- 14. 22.8
- 15. 11.90
- 16. 39.3145
- 17. 21.76
- 18. 5.785
- 19. 51.6
- 20. 5.77584