



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) $9.65 \times 6 =$ 5 7 9 0
- 2) $7.45 \times 7.2 =$ 5 3 6 4 0
- 3) $5.5 \times 1.61 =$ 8 8 5 5
- 4) $5 \times 9.2 =$ 4 6 0
- 5) $4.2 \times 7.733 =$ 3 2 4 7 8 6
- 6) $3 \times 7.386 =$ 2 2 1 5 8
- 7) $4.77 \times 6.7 =$ 3 1 9 5 9
- 8) $3.78 \times 2.6 =$ 9 8 2 8
- 9) $6.326 \times 1.35 =$ 8 5 4 0 1 0
- 10) $9.379 \times 6.37 =$ 5 9 7 4 4 2 3
- 11) $9 \times 1.142 =$ 1 0 2 7 8
- 12) $1.4 \times 9.81 =$ 1 3 7 3 4
- 13) $4 \times 4.126 =$ 1 6 5 0 4
- 14) $2 \times 3.975 =$ 7 9 5 0
- 15) $2.27 \times 2 =$ 4 5 4
- 16) $4.7 \times 4.86 =$ 2 2 8 4 2
- 17) $9.2 \times 8.252 =$ 7 5 9 1 8 4
- 18) $3 \times 7.287 =$ 2 1 8 6 1
- 19) $1.719 \times 2.5 =$ 4 2 9 7 5
- 20) $1.16 \times 2.4 =$ 2 7 8 4



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) $9.65 \times 6 =$ 5 7 . 9 0
- 2) $7.45 \times 7.2 =$ 5 3 . 6 4 0
- 3) $5.5 \times 1.61 =$ 8 . 8 5 5
- 4) $5 \times 9.2 =$ 4 6 . 0
- 5) $4.2 \times 7.733 =$ 3 2 . 4 7 8 6
- 6) $3 \times 7.386 =$ 2 2 . 1 5 8
- 7) $4.77 \times 6.7 =$ 3 1 . 9 5 9
- 8) $3.78 \times 2.6 =$ 9 . 8 2 8
- 9) $6.326 \times 1.35 =$ 8 . 5 4 0 1 0
- 10) $9.379 \times 6.37 =$ 5 9 . 7 4 4 2 3
- 11) $9 \times 1.142 =$ 1 0 . 2 7 8
- 12) $1.4 \times 9.81 =$ 1 3 . 7 3 4
- 13) $4 \times 4.126 =$ 1 6 . 5 0 4
- 14) $2 \times 3.975 =$ 7 . 9 5 0
- 15) $2.27 \times 2 =$ 4 . 5 4
- 16) $4.7 \times 4.86 =$ 2 2 . 8 4 2
- 17) $9.2 \times 8.252 =$ 7 5 . 9 1 8 4
- 18) $3 \times 7.287 =$ 2 1 . 8 6 1
- 19) $1.719 \times 2.5 =$ 4 . 2 9 7 5
- 20) $1.16 \times 2.4 =$ 2 . 7 8 4

- 1. 57.90
- 2. 53.640
- 3. 8.855
- 4. 46.0
- 5. 32.4786
- 6. 22.158
- 7. 31.959
- 8. 9.828
- 9. 8.54010
- 10. 59.74423
- 11. 10.278
- 12. 13.734
- 13. 16.504
- 14. 7.950
- 15. 4.54
- 16. 22.842
- 17. 75.9184
- 18. 21.861
- 19. 4.2975
- 20. 2.784