



Determine the placement of the decimal in each product.

$$5.809 \times 7.8 = 45.3102$$

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) $5.3 \times 4.62 =$ 2 4 4 8 6
- 2) $1 \times 2.947 =$ 2 9 4 7
- 3) $3.1 \times 4 =$ 1 2 4
- 4) $3.51 \times 4 =$ 1 4 0 4
- 5) $4 \times 8.93 =$ 3 5 7 2
- 6) $1 \times 1.74 =$ 1 7 4
- 7) $3 \times 8.1 =$ 2 4 3
- 8) $2 \times 3.7 =$ 7 4
- 9) $5.169 \times 5 =$ 2 5 8 4 5
- 10) $9.57 \times 7.2 =$ 6 8 9 0 4
- 11) $9.54 \times 6 =$ 5 7 2 4
- 12) $7.786 \times 8 =$ 6 2 2 8 8
- 13) $7.74 \times 5.5 =$ 4 2 5 7 0
- 14) $8.71 \times 8.766 =$ 7 6 3 5 1 8 6
- 15) $8.299 \times 8.9 =$ 7 3 8 6 1 1
- 16) $1.3 \times 2.136 =$ 2 7 7 6 8
- 17) $9 \times 3.59 =$ 3 2 3 1
- 18) $1.827 \times 5.57 =$ 1 0 1 7 6 3 9
- 19) $3.55 \times 9.1 =$ 3 2 3 0 5
- 20) $3.411 \times 4.95 =$ 1 6 8 8 4 4 5



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) $5.3 \times 4.62 =$ 2 4 . 4 8 6
- 2) $1 \times 2.947 =$ 2 . 9 4 7
- 3) $3.1 \times 4 =$ 1 2 . 4
- 4) $3.51 \times 4 =$ 1 4 . 0 4
- 5) $4 \times 8.93 =$ 3 5 . 7 2
- 6) $1 \times 1.74 =$ 1 . 7 4
- 7) $3 \times 8.1 =$ 2 4 . 3
- 8) $2 \times 3.7 =$ 7 . 4
- 9) $5.169 \times 5 =$ 2 5 . 8 4 5
- 10) $9.57 \times 7.2 =$ 6 8 . 9 0 4
- 11) $9.54 \times 6 =$ 5 7 . 2 4
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- 13) $7.74 \times 5.5 =$ 4 2 . 5 7 0
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- 16) $1.3 \times 2.136 =$ 2 . 7 7 6 8
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- 18) $1.827 \times 5.57 =$ 1 0 . 1 7 6 3 9
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- 20) $3.411 \times 4.95 =$ 1 6 . 8 8 4 4 5

- 1. 24.486
- 2. 2.947
- 3. 12.4
- 4. 14.04
- 5. 35.72
- 6. 1.74
- 7. 24.3
- 8. 7.4
- 9. 25.845
- 10. 68.904
- 11. 57.24
- 12. 62.288
- 13. 42.570
- 14. 76.35186
- 15. 73.8611
- 16. 2.7768
- 17. 32.31
- 18. 10.17639
- 19. 32.305
- 20. 16.88445