

**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. _____

- 1) $6.47 \times 9.8 =$ 6 3 4 0 6
- 2) $2 \times 3.33 =$ 6 6 6
- 3) $2.29 \times 6 =$ 1 3 7 4
- 4) $5.56 \times 6.985 =$ 3 8 8 3 6 6 0
- 5) $6 \times 3.85 =$ 2 3 1 0
- 6) $3 \times 8.2 =$ 2 4 6
- 7) $3.13 \times 9 =$ 2 8 1 7
- 8) $1.4 \times 7.581 =$ 1 0 6 1 3 4
- 9) $7.11 \times 8 =$ 5 6 8 8
- 10) $3.7 \times 3 =$ 1 1 1
- 11) $6.429 \times 8.43 =$ 5 4 1 9 6 4 7
- 12) $1.8 \times 1 =$ 1 8
- 13) $2.1 \times 9.48 =$ 1 9 9 0 8
- 14) $4.19 \times 8.5 =$ 3 5 6 1 5
- 15) $4 \times 2.53 =$ 1 0 1 2
- 16) $6.2 \times 4.66 =$ 2 8 8 9 2
- 17) $4.3 \times 3 =$ 1 2 9
- 18) $6.625 \times 6 =$ 3 9 7 5 0
- 19) $3.318 \times 8.61 =$ 2 8 5 6 7 9 8

**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. **63.406**

2. **6.66**

3. **13.74**

4. **38.83660**

5. **23.10**

6. **24.6**

7. **28.17**

8. **10.6134**

9. **56.88**

10. **11.1**

11. **54.19647**

12. **1.8**

13. **19.908**

14. **35.615**

15. **10.12**

16. **28.892**

17. **12.9**

18. **39.750**

19. **28.56798**

- 1) $6.47 \times 9.8 =$ 6 3 . 4 0 6
- 2) $2 \times 3.33 =$ 6 . 6 6
- 3) $2.29 \times 6 =$ 1 3 . 7 4
- 4) $5.56 \times 6.985 =$ 3 8 . 8 3 6 6 0
- 5) $6 \times 3.85 =$ 2 3 . 1 0
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- 7) $3.13 \times 9 =$ 2 8 . 1 7
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- 9) $7.11 \times 8 =$ 5 6 . 8 8
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- 11) $6.429 \times 8.43 =$ 5 4 . 1 9 6 4 7
- 12) $1.8 \times 1 =$ 1 . 8
- 13) $2.1 \times 9.48 =$ 1 9 . 9 0 8
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- 16) $6.2 \times 4.66 =$ 2 8 . 8 9 2
- 17) $4.3 \times 3 =$ 1 2 . 9
- 18) $6.625 \times 6 =$ 3 9 . 7 5 0
- 19) $3.318 \times 8.61 =$ 2 8 . 5 6 7 9 8