



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

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- 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

- 1) $4.7 \times 1.768 = 8.3096$
- 2) $2.456 \times 5.8 = 14.2448$
- 3) $9 \times 3.83 = 34.47$
- 4) $1.39 \times 8.251 = 11.46889$
- 5) $6.6 \times 5.72 = 37.752$
- 6) $8 \times 9.812 = 78.496$
- 7) $6.48 \times 2 = 12.96$
- 8) $7.87 \times 9 = 70.83$
- 9) $2.96 \times 9.135 = 27.03960$
- 10) $8.915 \times 7.3 = 65.0795$
- 11) $5.16 \times 4.333 = 22.35828$
- 12) $5.5 \times 8.683 = 47.7565$
- 13) $5.89 \times 6.6 = 38.874$
- 14) $2 \times 4.37 = 8.74$
- 15) $1.935 \times 8 = 15.480$
- 16) $7.4 \times 6 = 44.4$
- 17) $9.455 \times 9 = 85.095$
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- 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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- 18) $1 \times 5.785 = 5 . 7 8 5$
- 19) $8.6 \times 6 = 5 1 . 6$
- 20) $1.12 \times 5.157 = 5 . 7 7 5 8 4$

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



Determine the placement of the decimal in each product.

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- 1) $3 \times 4.7 =$ 1 4 1
- 2) $4 \times 1.54 =$ 6 1 6
- 3) $5.22 \times 2 =$ 1 0 4 4
- 4) $8.52 \times 6.524 =$ 5 5 5 8 4 4 8
- 5) $7.69 \times 2.7 =$ 2 0 7 6 3
- 6) $1.266 \times 3.3 =$ 4 1 7 7 8
- 7) $6 \times 5.518 =$ 3 3 1 0 8
- 8) $9.5 \times 4.256 =$ 4 0 4 3 2 0
- 9) $7.569 \times 2.38 =$ 1 8 0 1 4 2 2
- 10) $5.676 \times 2 =$ 1 1 3 5 2
- 11) $9.58 \times 7 =$ 6 7 0 6
- 12) $4.985 \times 3 =$ 1 4 9 5 5
- 13) $7.6 \times 8.784 =$ 6 6 7 5 8 4
- 14) $6.8 \times 1 =$ 6 8
- 15) $6 \times 7.962 =$ 4 7 7 7 2
- 16) $8.259 \times 7.5 =$ 6 1 9 4 2 5
- 17) $9.6 \times 6.26 =$ 6 0 0 9 6
- 18) $1 \times 5.5 =$ 5 5
- 19) $5.37 \times 3 =$ 1 6 1 1
- 20) $3.22 \times 4.766 =$ 1 5 3 4 6 5 2



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- 19) $5.37 \times 3 =$ 1 6 . 1 1
- 20) $3.22 \times 4.766 =$ 1 5 . 3 4 6 5 2

Answers

- 1. 14.1
- 2. 6.16
- 3. 10.44
- 4. 55.58448
- 5. 20.763
- 6. 4.1778
- 7. 33.108
- 8. 40.4320
- 9. 18.01422
- 10. 11.352
- 11. 67.06
- 12. 14.955
- 13. 66.7584
- 14. 6.8
- 15. 47.772
- 16. 61.9425
- 17. 60.096
- 18. 5.5
- 19. 16.11
- 20. 15.34652



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- 1) $9.4 \times 4 =$ 3 7 6
- 2) $1 \times 7.11 =$ 7 1 1
- 3) $2.73 \times 8.925 =$ 2 4 3 6 5 2 5
- 4) $6.24 \times 3.293 =$ 2 0 5 4 8 3 2
- 5) $5.569 \times 7.19 =$ 4 0 0 4 1 1 1
- 6) $5 \times 2.874 =$ 1 4 3 7 0
- 7) $3.42 \times 2.6 =$ 8 8 9 2
- 8) $7.47 \times 6.5 =$ 4 8 5 5 5
- 9) $7 \times 2.151 =$ 1 5 0 5 7
- 10) $1.123 \times 6.8 =$ 7 6 3 6 4
- 11) $7 \times 8.3 =$ 5 8 1
- 12) $9.7 \times 9.687 =$ 9 3 9 6 3 9
- 13) $3 \times 1.3 =$ 3 9
- 14) $1.3 \times 5.92 =$ 7 6 9 6
- 15) $6.755 \times 9.6 =$ 6 4 8 4 8 0
- 16) $8.789 \times 5.4 =$ 4 7 4 6 0 6
- 17) $2.6 \times 4 =$ 1 0 4
- 18) $9.869 \times 6.55 =$ 6 4 6 4 1 9 5
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- 20) $4.3 \times 5 =$ 2 1 5



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Answers

- 1. 37.6
- 2. 7.11
- 3. 24.36525
- 4. 20.54832
- 5. 40.04111
- 6. 14.370
- 7. 8.892
- 8. 48.555
- 9. 15.057
- 10. 7.6364
- 11. 58.1
- 12. 93.9639
- 13. 3.9
- 14. 7.696
- 15. 64.8480
- 16. 47.4606
- 17. 10.4
- 18. 64.64195
- 19. 15.3
- 20. 21.5



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- 3) $8.1 \times 3.98 =$ 3 2 2 3 8
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- 5) $1 \times 9.71 =$ 9 7 1
- 6) $9.416 \times 7.92 =$ 7 4 5 7 4 7 2
- 7) $2.126 \times 5 =$ 1 0 6 3 0
- 8) $5.2 \times 5.217 =$ 2 7 1 2 8 4
- 9) $6.4 \times 3 =$ 1 9 2
- 10) $2 \times 1.191 =$ 2 3 8 2
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- 17) $5 \times 9.3 =$ 4 6 5
- 18) $2.5 \times 2.96 =$ 7 4 0 0
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- 16) $8.73 \times 5 =$ 4 3 . 6 5
- 17) $5 \times 9.3 =$ 4 6 . 5
- 18) $2.5 \times 2.96 =$ 7 . 4 0 0
- 19) $7.374 \times 2.97 =$ 2 1 . 9 0 0 7 8
- 20) $4.7 \times 2 =$ 9 . 4

Answers

1. 34.170
2. 42.70434
3. 32.238
4. 43.615
5. 9.71
6. 74.57472
7. 10.630
8. 27.1284
9. 19.2
10. 2.382
11. 30.6
12. 45.653
13. 47.85
14. 6.5274
15. 41.168
16. 43.65
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- 1) $9.3 \times 7.375 =$ 6 8 5 8 7 5
- 2) $2.38 \times 4 =$ 9 5 2
- 3) $6.614 \times 2.78 =$ 1 8 3 8 6 9 2
- 4) $3.983 \times 1.35 =$ 5 3 7 7 0 5
- 5) $1.933 \times 3 =$ 5 7 9 9
- 6) $9.2 \times 4.849 =$ 4 4 6 1 0 8
- 7) $7.7 \times 1 =$ 7 7
- 8) $3.16 \times 3.8 =$ 1 2 0 0 8
- 9) $4.459 \times 1.1 =$ 4 9 0 4 9
- 10) $8 \times 3.65 =$ 2 9 2 0
- 11) $1 \times 8.59 =$ 8 5 9
- 12) $7.58 \times 3 =$ 2 2 7 4
- 13) $3.335 \times 7.6 =$ 2 5 3 4 6 0
- 14) $3 \times 4.9 =$ 1 4 7
- 15) $7 \times 2.657 =$ 1 8 5 9 9
- 16) $7 \times 2.5 =$ 1 7 5
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- 2) $2.38 \times 4 =$ 9 . 5 2
- 3) $6.614 \times 2.78 =$ 1 8 . 3 8 6 9 2
- 4) $3.983 \times 1.35 =$ 5 . 3 7 7 0 5
- 5) $1.933 \times 3 =$ 5 . 7 9 9
- 6) $9.2 \times 4.849 =$ 4 4 . 6 1 0 8
- 7) $7.7 \times 1 =$ 7 . 7
- 8) $3.16 \times 3.8 =$ 1 2 . 0 0 8
- 9) $4.459 \times 1.1 =$ 4 . 9 0 4 9
- 10) $8 \times 3.65 =$ 2 9 . 2 0
- 11) $1 \times 8.59 =$ 8 . 5 9
- 12) $7.58 \times 3 =$ 2 2 . 7 4
- 13) $3.335 \times 7.6 =$ 2 5 . 3 4 6 0
- 14) $3 \times 4.9 =$ 1 4 . 7
- 15) $7 \times 2.657 =$ 1 8 . 5 9 9
- 16) $7 \times 2.5 =$ 1 7 . 5
- 17) $3 \times 6.6 =$ 1 9 . 8
- 18) $5 \times 8.9 =$ 4 4 . 5
- 19) $9 \times 3.99 =$ 3 5 . 9 1
- 20) $6.54 \times 7.5 =$ 4 9 . 0 5 0

Answers

1. 68.5875
2. 9.52
3. 18.38692
4. 5.37705
5. 5.799
6. 44.6108
7. 7.7
8. 12.008
9. 4.9049
10. 29.20
11. 8.59
12. 22.74
13. 25.3460
14. 14.7
15. 18.599
16. 17.5
17. 19.8
18. 44.5
19. 35.91
20. 49.050



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) $1.258 \times 9.78 =$ 1 2 3 0 3 2 4
- 2) $3.7 \times 3 =$ 1 1 1
- 3) $3.9 \times 8.177 =$ 3 1 8 9 0 3
- 4) $3.4 \times 2.958 =$ 1 0 0 5 7 2
- 5) $6.75 \times 2 =$ 1 3 5 0
- 6) $2.7 \times 2 =$ 5 4
- 7) $1.54 \times 2 =$ 3 0 8
- 8) $9.92 \times 7.131 =$ 7 0 7 3 9 5 2
- 9) $2 \times 9.92 =$ 1 9 8 4
- 10) $7.752 \times 1.5 =$ 1 1 6 2 8 0
- 11) $8.9 \times 8 =$ 7 1 2
- 12) $5.23 \times 5.573 =$ 2 9 1 4 6 7 9
- 13) $8.6 \times 8.78 =$ 7 5 5 0 8
- 14) $9 \times 2.212 =$ 1 9 9 0 8
- 15) $8.9 \times 9.185 =$ 8 1 7 4 6 5
- 16) $2.582 \times 1 =$ 2 5 8 2
- 17) $1.913 \times 5.2 =$ 9 9 4 7 6
- 18) $3.8 \times 6.233 =$ 2 3 6 8 5 4
- 19) $5.16 \times 4 =$ 2 0 6 4
- 20) $7 \times 2.841 =$ 1 9 8 8 7



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.

- 1) $1.258 \times 9.78 =$ 1 2 . 3 0 3 2 4
- 2) $3.7 \times 3 =$ 1 1 . 1
- 3) $3.9 \times 8.177 =$ 3 1 . 8 9 0 3
- 4) $3.4 \times 2.958 =$ 1 0 . 0 5 7 2
- 5) $6.75 \times 2 =$ 1 3 . 5 0
- 6) $2.7 \times 2 =$ 5 . 4
- 7) $1.54 \times 2 =$ 3 . 0 8
- 8) $9.92 \times 7.131 =$ 7 0 . 7 3 9 5 2
- 9) $2 \times 9.92 =$ 1 9 . 8 4
- 10) $7.752 \times 1.5 =$ 1 1 . 6 2 8 0
- 11) $8.9 \times 8 =$ 7 1 . 2
- 12) $5.23 \times 5.573 =$ 2 9 . 1 4 6 7 9
- 13) $8.6 \times 8.78 =$ 7 5 . 5 0 8
- 14) $9 \times 2.212 =$ 1 9 . 9 0 8
- 15) $8.9 \times 9.185 =$ 8 1 . 7 4 6 5
- 16) $2.582 \times 1 =$ 2 . 5 8 2
- 17) $1.913 \times 5.2 =$ 9 . 9 4 7 6
- 18) $3.8 \times 6.233 =$ 2 3 . 6 8 5 4
- 19) $5.16 \times 4 =$ 2 0 . 6 4
- 20) $7 \times 2.841 =$ 1 9 . 8 8 7

Answers

- 1. 12.30324
- 2. 11.1
- 3. 31.8903
- 4. 10.0572
- 5. 13.50
- 6. 5.4
- 7. 3.08
- 8. 70.73952
- 9. 19.84
- 10. 11.6280
- 11. 71.2
- 12. 29.14679
- 13. 75.508
- 14. 19.908
- 15. 81.7465
- 16. 2.582
- 17. 9.9476
- 18. 23.6854
- 19. 20.64
- 20. 19.887



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
- 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

- 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



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) $6.3 \times 1 =$ 6 3
- 2) $6.6 \times 5.239 =$ 3 4 5 7 7 4
- 3) $2.18 \times 9.6 =$ 2 0 9 2 8
- 4) $7.91 \times 4 =$ 3 1 6 4
- 5) $3 \times 1.21 =$ 3 6 3
- 6) $3.73 \times 5 =$ 1 8 6 5
- 7) $5.921 \times 8 =$ 4 7 3 6 8
- 8) $8 \times 3.656 =$ 2 9 2 4 8
- 9) $8.697 \times 4 =$ 3 4 7 8 8
- 10) $8.2 \times 6.961 =$ 5 7 0 8 0 2
- 11) $2.592 \times 8.9 =$ 2 3 0 6 8 8
- 12) $9.11 \times 7.755 =$ 7 0 6 4 8 0 5
- 13) $6 \times 8.71 =$ 5 2 2 6
- 14) $7.62 \times 4 =$ 3 0 4 8
- 15) $1 \times 7.2 =$ 7 2
- 16) $9.8 \times 6 =$ 5 8 8
- 17) $5.643 \times 9.87 =$ 5 5 6 9 6 4 1
- 18) $5.9 \times 9 =$ 5 3 1
- 19) $1.617 \times 6.8 =$ 1 0 9 9 5 6
- 20) $6.545 \times 7.3 =$ 4 7 7 7 8 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.

- 1) $6.3 \times 1 = 6 . 3$
- 2) $6.6 \times 5.239 = 34 . 5774$
- 3) $2.18 \times 9.6 = 20 . 928$
- 4) $7.91 \times 4 = 31 . 64$
- 5) $3 \times 1.21 = 3 . 63$
- 6) $3.73 \times 5 = 18 . 65$
- 7) $5.921 \times 8 = 47 . 368$
- 8) $8 \times 3.656 = 29 . 248$
- 9) $8.697 \times 4 = 34 . 788$
- 10) $8.2 \times 6.961 = 57 . 0802$
- 11) $2.592 \times 8.9 = 23 . 0688$
- 12) $9.11 \times 7.755 = 70 . 64805$
- 13) $6 \times 8.71 = 52 . 26$
- 14) $7.62 \times 4 = 30 . 48$
- 15) $1 \times 7.2 = 7 . 2$
- 16) $9.8 \times 6 = 58 . 8$
- 17) $5.643 \times 9.87 = 55 . 69641$
- 18) $5.9 \times 9 = 53 . 1$
- 19) $1.617 \times 6.8 = 10 . 9956$
- 20) $6.545 \times 7.3 = 47 . 785$

Answers

1. 6.3
2. 34.5774
3. 20.928
4. 31.64
5. 3.63
6. 18.65
7. 47.368
8. 29.248
9. 34.788
10. 57.0802
11. 23.0688
12. 70.64805
13. 52.26
14. 30.48
15. 7.2
16. 58.8
17. 55.69641
18. 53.1
19. 10.9956
20. 47.7785



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) $2.97 \times 4.3 =$ 1 2 7 7 1
- 2) $3.4 \times 4 =$ 1 3 6
- 3) $7.3 \times 9 =$ 6 5 7
- 4) $6 \times 1.96 =$ 1 1 7 6
- 5) $8 \times 9.678 =$ 7 7 4 2 4
- 6) $9 \times 4.67 =$ 4 2 0 3
- 7) $4 \times 1.224 =$ 4 8 9 6
- 8) $3.892 \times 1.1 =$ 4 2 8 1 2
- 9) $6.21 \times 7.8 =$ 4 8 4 3 8
- 10) $9.43 \times 1.7 =$ 1 6 0 3 1
- 11) $4 \times 9.8 =$ 3 9 2
- 12) $5.852 \times 7.8 =$ 4 5 6 4 5 6
- 13) $8.384 \times 4 =$ 3 3 5 3 6
- 14) $2.14 \times 4 =$ 8 5 6
- 15) $5.3 \times 3 =$ 1 5 9
- 16) $3.1 \times 3.27 =$ 1 0 1 3 7
- 17) $2.1 \times 8.772 =$ 1 8 4 2 1 2
- 18) $7 \times 9.13 =$ 6 3 9 1
- 19) $2.169 \times 8.6 =$ 1 8 6 5 3 4
- 20) $3.122 \times 7 =$ 2 1 8 5 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.

- 1) $2.97 \times 4.3 =$ 1 2 . 7 7 1
- 2) $3.4 \times 4 =$ 1 3 . 6
- 3) $7.3 \times 9 =$ 6 5 . 7
- 4) $6 \times 1.96 =$ 1 1 . 7 6
- 5) $8 \times 9.678 =$ 7 7 . 4 2 4
- 6) $9 \times 4.67 =$ 4 2 . 0 3
- 7) $4 \times 1.224 =$ 4 . 8 9 6
- 8) $3.892 \times 1.1 =$ 4 . 2 8 1 2
- 9) $6.21 \times 7.8 =$ 4 8 . 4 3 8
- 10) $9.43 \times 1.7 =$ 1 6 . 0 3 1
- 11) $4 \times 9.8 =$ 3 9 . 2
- 12) $5.852 \times 7.8 =$ 4 5 . 6 4 5 6
- 13) $8.384 \times 4 =$ 3 3 . 5 3 6
- 14) $2.14 \times 4 =$ 8 . 5 6
- 15) $5.3 \times 3 =$ 1 5 . 9
- 16) $3.1 \times 3.27 =$ 1 0 . 1 3 7
- 17) $2.1 \times 8.772 =$ 1 8 . 4 2 1 2
- 18) $7 \times 9.13 =$ 6 3 . 9 1
- 19) $2.169 \times 8.6 =$ 1 8 . 6 5 3 4
- 20) $3.122 \times 7 =$ 2 1 . 8 5 4

Answers

1. 12.771
2. 13.6
3. 65.7
4. 11.76
5. 77.424
6. 42.03
7. 4.896
8. 4.2812
9. 48.438
10. 16.031
11. 39.2
12. 45.6456
13. 33.536
14. 8.56
15. 15.9
16. 10.137
17. 18.4212
18. 63.91
19. 18.6534
20. 21.854