



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  $5.809 \times 7.8$  will be a more than 35 but less than 48.

**Answers**

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

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19. \_\_\_\_\_

- 1)  $8 \times 2.89 =$             2 3 1 2
- 2)  $5.8 \times 1.184 =$         6 8 6 7 2
- 3)  $8.9 \times 3 =$             2 6 7
- 4)  $5 \times 4.271 =$            2 1 3 5 5
- 5)  $8.794 \times 6 =$           5 2 7 6 4
- 6)  $5.6 \times 9.36 =$           5 2 4 1 6
- 7)  $6.471 \times 5.4 =$         3 4 9 4 3 4
- 8)  $3.47 \times 9.514 =$       3 3 0 1 3 5 8
- 9)  $4.93 \times 5.4 =$           2 6 6 2 2
- 10)  $1.47 \times 2 =$             2 9 4
- 11)  $5.58 \times 5.3 =$          2 9 5 7 4
- 12)  $9.434 \times 8.1 =$        7 6 4 1 5 4
- 13)  $7.66 \times 1.7 =$         1 3 0 2 2
- 14)  $4 \times 2.31 =$             9 2 4
- 15)  $9.35 \times 9.8 =$         9 1 6 3 0
- 16)  $9.2 \times 9.178 =$       8 4 4 3 7 6
- 17)  $1.66 \times 7.7 =$         1 2 7 8 2
- 18)  $9.355 \times 6.7 =$       6 2 6 7 8 5
- 19)  $9.728 \times 6.6 =$       6 4 2 0 4 8



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**Answers**

1. 23.12

2. 6.8672

3. 26.7

4. 21.355

5. 52.764

6. 52.416

7. 34.9434

8. 33.01358

9. 26.622

10. 2.94

11. 29.574

12. 76.4154

13. 13.022

14. 9.24

15. 91.630

16. 84.4376

17. 12.782

18. 62.6785

19. 64.2048

- 1)  $8 \times 2.89 =$       2 3 . 1 2
- 2)  $5.8 \times 1.184 =$       6 . 8 6 7 2
- 3)  $8.9 \times 3 =$       2 6 . 7
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15. \_\_\_\_\_

16. \_\_\_\_\_

17. \_\_\_\_\_

18. \_\_\_\_\_

19. \_\_\_\_\_

1)  $9.83 \times 4.891 =$       4 8 0 7 8 5 3

2)  $3.3 \times 4.45 =$       1 4 6 8 5

3)  $1 \times 7.1 =$       7 1

4)  $2.82 \times 8 =$       2 2 5 6

5)  $6.5 \times 1.363 =$       8 8 5 9 5

6)  $3.9 \times 3.82 =$       1 4 8 9 8

7)  $1.25 \times 1.2 =$       1 5 0 0

8)  $7.52 \times 1.1 =$       8 2 7 2

9)  $6.531 \times 2.19 =$       1 4 3 0 2 8 9

10)  $3.357 \times 1.35 =$       4 5 3 1 9 5

11)  $7.449 \times 1 =$       7 4 4 9

12)  $2.8 \times 6.295 =$       1 7 6 2 6 0

13)  $2 \times 6.411 =$       1 2 8 2 2

14)  $1 \times 1.2 =$       1 2

15)  $5.464 \times 1 =$       5 4 6 4

16)  $3.4 \times 6.927 =$       2 3 5 5 1 8

17)  $7.44 \times 7.246 =$       5 3 9 1 0 2 4

18)  $6.928 \times 6.44 =$       4 4 6 1 6 3 2

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**Answers**

1. 48.07853

2. 14.685

3. 7.1

4. 22.56

5. 8.8595

6. 14.898

7. 1.500

8. 8.272

9. 14.30289

10. 4.53195

11. 7.449

12. 17.6260

13. 12.822

14. 1.2

15. 5.464

16. 23.5518

17. 53.91024

18. 44.61632

19. 63.552

1)  $9.83 \times 4.891 = 48.07853$

2)  $3.3 \times 4.45 = 14.685$

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18. \_\_\_\_\_
19. \_\_\_\_\_

- 1)  $5.83 \times 9 =$             5 2 4 7
- 2)  $2.772 \times 6.7 =$         1 8 5 7 2 4
- 3)  $9 \times 2.99 =$             2 6 9 1
- 4)  $2 \times 7.34 =$             1 4 6 8
- 5)  $6.24 \times 2.5 =$         1 5 6 0 0
- 6)  $8 \times 4.9 =$              3 9 2
- 7)  $8.88 \times 5.639 =$       5 0 0 7 4 3 2
- 8)  $3.224 \times 9.96 =$       3 2 1 1 1 0 4
- 9)  $5 \times 8.553 =$          4 2 7 6 5
- 10)  $5 \times 4.834 =$         2 4 1 7 0
- 11)  $1 \times 2.465 =$         2 4 6 5
- 12)  $8.3 \times 5.751 =$      4 7 7 3 3 3
- 13)  $4.39 \times 8 =$          3 5 1 2
- 14)  $9.44 \times 7 =$          6 6 0 8
- 15)  $1.54 \times 7 =$          1 0 7 8
- 16)  $1 \times 6.3 =$             6 3
- 17)  $8.391 \times 5 =$         4 1 9 5 5
- 18)  $7 \times 2.661 =$         1 8 6 2 7
- 19)  $9.17 \times 6.8 =$        6 2 3 5 6



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**Answers**

1. 52.47

2. 18.5724

3. 26.91

4. 14.68

5. 15.600

6. 39.2

7. 50.07432

8. 32.11104

9. 42.765

10. 24.170

11. 2.465

12. 47.7333

13. 35.12

14. 66.08

15. 10.78

16. 6.3

17. 41.955

18. 18.627

19. 62.356

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18. \_\_\_\_\_
19. \_\_\_\_\_

- 1)  $8.475 \times 2.12 =$       1 7 9 6 7 0 0
- 2)  $3.37 \times 4 =$             1 3 4 8
- 3)  $4.24 \times 7 =$             2 9 6 8
- 4)  $9.38 \times 1.532 =$       1 4 3 7 0 1 6
- 5)  $4.47 \times 5.3 =$           2 3 6 9 1
- 6)  $8.5 \times 4 =$               3 4 0
- 7)  $7.3 \times 1.21 =$          8 8 3 3
- 8)  $4.44 \times 5.967 =$       2 6 4 9 3 4 8
- 9)  $1.97 \times 3 =$             5 9 1
- 10)  $8 \times 4.8 =$             3 8 4
- 11)  $2.26 \times 3.231 =$      7 3 0 2 0 6
- 12)  $7 \times 3.41 =$           2 3 8 7
- 13)  $6.76 \times 7.693 =$     5 2 0 0 4 6 8
- 14)  $3.4 \times 4.643 =$       1 5 7 8 6 2
- 15)  $4.671 \times 7 =$          3 2 6 9 7
- 16)  $5.1 \times 9 =$             4 5 9
- 17)  $4.22 \times 1.862 =$     7 8 5 7 6 4
- 18)  $6 \times 5.71 =$           3 4 2 6
- 19)  $5.6 \times 8.676 =$      4 8 5 8 5 6



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**Answers**

1. 17.96700

2. 13.48

3. 29.68

4. 14.37016

5. 23.691

6. 34.0

7. 8.833

8. 26.49348

9. 5.91

10. 38.4

11. 7.30206

12. 23.87

13. 52.00468

14. 15.7862

15. 32.697

16. 45.9

17. 7.85764

18. 34.26

19. 48.5856

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19. \_\_\_\_\_

- 1)  $9 \times 6.233 =$       5 6 0 9 7
- 2)  $3.4 \times 6.117 =$       2 0 7 9 7 8
- 3)  $9.443 \times 5 =$       4 7 2 1 5
- 4)  $7.264 \times 1.3 =$       9 4 4 3 2
- 5)  $2 \times 5.75 =$       1 1 5 0
- 6)  $5.4 \times 1.832 =$       9 8 9 2 8
- 7)  $4.3 \times 1.164 =$       5 0 0 5 2
- 8)  $4.596 \times 6.7 =$       3 0 7 9 3 2
- 9)  $4 \times 4.38 =$       1 7 5 2
- 10)  $8.325 \times 8.11 =$       6 7 5 1 5 7 5
- 11)  $2 \times 5.2 =$       1 0 4
- 12)  $4.4 \times 9.42 =$       4 1 4 4 8
- 13)  $9.21 \times 2.7 =$       2 4 8 6 7
- 14)  $6.1 \times 6.122 =$       3 7 3 4 4 2
- 15)  $4 \times 5.91 =$       2 3 6 4
- 16)  $6.222 \times 2.2 =$       1 3 6 8 8 4
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**Answers**

1. 56.097

2. 20.7978

3. 47.215

4. 9.4432

5. 11.50

6. 9.8928

7. 5.0052

8. 30.7932

9. 17.52

10. 67.51575

11. 10.4

12. 41.448

13. 24.867

14. 37.3442

15. 23.64

16. 13.6884

17. 36.56

18. 17.10

19. 26.360

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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  $5.809 \times 7.8$  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)  $6.2 \times 5 =$             3 1 0
- 2)  $6 \times 9.41 =$             5 6 4 6
- 3)  $7.24 \times 1.987 =$         1 4 3 8 5 8 8
- 4)  $3.65 \times 1.756 =$         6 4 0 9 4 0
- 5)  $3.79 \times 7.545 =$         2 8 5 9 5 5 5
- 6)  $2.1 \times 1.998 =$         4 1 9 5 8
- 7)  $9.71 \times 6.414 =$         6 2 2 7 9 9 4
- 8)  $3.72 \times 9.269 =$         3 4 4 8 0 6 8
- 9)  $2 \times 5.368 =$             1 0 7 3 6
- 10)  $9.981 \times 6.8 =$         6 7 8 7 0 8
- 11)  $3.519 \times 5.5 =$         1 9 3 5 4 5
- 12)  $3.2 \times 3.81 =$         1 2 1 9 2
- 13)  $4.633 \times 5 =$           2 3 1 6 5
- 14)  $1.755 \times 3 =$           5 2 6 5
- 15)  $1.35 \times 4 =$             5 4 0
- 16)  $7.6 \times 1.41 =$         1 0 7 1 6
- 17)  $1 \times 9.32 =$           9 3 2
- 18)  $4 \times 1.363 =$         5 4 5 2
- 19)  $5.8 \times 3 =$             1 7 4



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  $5.809 \times 7.8$  will be a more than 35 but less than 48.

**Answers**

1. 31.0

2. 56.46

3. 14.38588

4. 6.40940

5. 28.59555

6. 4.1958

7. 62.27994

8. 34.48068

9. 10.736

10. 67.8708

11. 19.3545

12. 12.192

13. 23.165

14. 5.265

15. 5.40

16. 10.716

17. 9.32

18. 5.452

19. 17.4

- 1)  $6.2 \times 5 = 31.0$
- 2)  $6 \times 9.41 = 56.46$
- 3)  $7.24 \times 1.987 = 14.38588$
- 4)  $3.65 \times 1.756 = 6.40940$
- 5)  $3.79 \times 7.545 = 28.59555$
- 6)  $2.1 \times 1.998 = 4.1958$
- 7)  $9.71 \times 6.414 = 62.27994$
- 8)  $3.72 \times 9.269 = 34.48068$
- 9)  $2 \times 5.368 = 10.736$
- 10)  $9.981 \times 6.8 = 67.8708$
- 11)  $3.519 \times 5.5 = 19.3545$
- 12)  $3.2 \times 3.81 = 12.192$
- 13)  $4.633 \times 5 = 23.165$
- 14)  $1.755 \times 3 = 5.265$
- 15)  $1.35 \times 4 = 5.40$
- 16)  $7.6 \times 1.41 = 10.716$
- 17)  $1 \times 9.32 = 9.32$
- 18)  $4 \times 1.363 = 5.452$
- 19)  $5.8 \times 3 = 17.4$



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  $5.809 \times 7.8$  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)  $7.2 \times 5.749 =$       4 1 3 9 2 8

2)  $5.2 \times 7 =$       3 6 4

3)  $4.87 \times 1.756 =$       8 5 5 1 7 2

4)  $9.173 \times 7 =$       6 4 2 1 1

5)  $7 \times 1.857 =$       1 2 9 9 9

6)  $8.819 \times 9 =$       7 9 3 7 1

7)  $2 \times 7.6 =$       1 5 2

8)  $7 \times 8.8 =$       6 1 6

9)  $2 \times 8.479 =$       1 6 9 5 8

10)  $8.17 \times 8 =$       6 5 3 6

11)  $5.3 \times 3.11 =$       1 6 4 8 3

12)  $6.962 \times 6 =$       4 1 7 7 2

13)  $2.195 \times 2.7 =$       5 9 2 6 5

14)  $7.978 \times 1 =$       7 9 7 8

15)  $7.51 \times 5 =$       3 7 5 5

16)  $7.6 \times 5.32 =$       4 0 4 3 2

17)  $4 \times 2.3 =$       9 2

18)  $4.81 \times 8.4 =$       4 0 4 0 4

19)  $9.39 \times 5.7 =$       5 3 5 2 3



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  $5.809 \times 7.8$  will be a more than 35 but less than 48.

**Answers**

1. **41.3928**

2. **36.4**

3. **8.55172**

4. **64.211**

5. **12.999**

6. **79.371**

7. **15.2**

8. **61.6**

9. **16.958**

10. **65.36**

11. **16.483**

12. **41.772**

13. **5.9265**

14. **7.978**

15. **37.55**

16. **40.432**

17. **9.2**

18. **40.404**

19. **53.523**

1)  $7.2 \times 5.749 = 41.3928$

2)  $5.2 \times 7 = 36.4$

3)  $4.87 \times 1.756 = 8.55172$

4)  $9.173 \times 7 = 64.211$

5)  $7 \times 1.857 = 12.999$

6)  $8.819 \times 9 = 79.371$

7)  $2 \times 7.6 = 15.2$

8)  $7 \times 8.8 = 61.6$

9)  $2 \times 8.479 = 16.958$

10)  $8.17 \times 8 = 65.36$

11)  $5.3 \times 3.11 = 16.483$

12)  $6.962 \times 6 = 41.772$

13)  $2.195 \times 2.7 = 5.9265$

14)  $7.978 \times 1 = 7.978$

15)  $7.51 \times 5 = 37.55$

16)  $7.6 \times 5.32 = 40.432$

17)  $4 \times 2.3 = 9.2$

18)  $4.81 \times 8.4 = 40.404$

19)  $9.39 \times 5.7 = 53.523$



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  $5.809 \times 7.8$  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  $5.809 \times 7.8$  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
- 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.

$$5.809 \times 7.8 = 45.3102$$

1. Count the quantity of numbers to the right of the decimal for each factor.

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7.8 has 1 number right of the decimal (7.8)

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$$3 + 1 = 4$$

$$5.\underline{089} (3) \times 7.\underline{8} (1) = 45.\underline{3102} (4)$$

Also notice that  $5 \times 7 = 35$  and  $6 \times 8 = 48$ , so  $5.809 \times 7.8$  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)  $7.164 \times 1 =$             7 1 6 4
- 2)  $5 \times 8.2 =$                 4 1 0
- 3)  $2 \times 6.569 =$             1 3 1 3 8
- 4)  $1.741 \times 8 =$             1 3 9 2 8
- 5)  $2.1 \times 3 =$                 6 3
- 6)  $7.3 \times 9.743 =$         7 1 1 2 3 9
- 7)  $9.123 \times 8 =$             7 2 9 8 4
- 8)  $1.13 \times 9.166 =$        1 0 3 5 7 5 8
- 9)  $5.1 \times 8.94 =$             4 5 5 9 4
- 10)  $2.35 \times 5.112 =$        1 2 0 1 3 2 0
- 11)  $9.15 \times 4.791 =$        4 3 8 3 7 6 5
- 12)  $7 \times 8.31 =$              5 8 1 7
- 13)  $4.375 \times 9 =$             3 9 3 7 5
- 14)  $3 \times 8.5 =$               2 5 5
- 15)  $5.283 \times 3.9 =$        2 0 6 0 3 7
- 16)  $6 \times 5.98 =$             3 5 8 8
- 17)  $9.5 \times 5 =$              4 7 5
- 18)  $5 \times 4.7 =$              2 3 5
- 19)  $2.69 \times 4.2 =$         1 1 2 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  $5.809 \times 7.8$  will be a more than 35 but less than 48.

**Answers**

1. 7.164

2. 41.0

3. 13.138

4. 13.928

5. 6.3

6. 71.1239

7. 72.984

8. 10.35758

9. 45.594

10. 12.01320

11. 43.83765

12. 58.17

13. 39.375

14. 25.5

15. 20.6037

16. 35.88

17. 47.5

18. 23.5

19. 11.298

- 1)  $7.164 \times 1 = 7.164$
- 2)  $5 \times 8.2 = 41.0$
- 3)  $2 \times 6.569 = 13.138$
- 4)  $1.741 \times 8 = 13.928$
- 5)  $2.1 \times 3 = 6.3$
- 6)  $7.3 \times 9.743 = 71.1239$
- 7)  $9.123 \times 8 = 72.984$
- 8)  $1.13 \times 9.166 = 10.35765$
- 9)  $5.1 \times 8.94 = 45.594$
- 10)  $2.35 \times 5.112 = 12.01320$
- 11)  $9.15 \times 4.791 = 43.83765$
- 12)  $7 \times 8.31 = 58.17$
- 13)  $4.375 \times 9 = 39.375$
- 14)  $3 \times 8.5 = 25.5$
- 15)  $5.283 \times 3.9 = 20.6037$
- 16)  $6 \times 5.98 = 35.88$
- 17)  $9.5 \times 5 = 47.5$
- 18)  $5 \times 4.7 = 23.5$
- 19)  $2.69 \times 4.2 = 11.298$



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  $5.809 \times 7.8$  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)  $9 \times 8.436 =$       7 5 9 2 4
- 2)  $8.258 \times 4.5 =$       3 7 1 6 1 0
- 3)  $4.7 \times 1 =$       4 7
- 4)  $7.17 \times 3.6 =$       2 5 8 1 2
- 5)  $8.334 \times 9.57 =$       7 9 7 5 6 3 8
- 6)  $2 \times 1.17 =$       2 3 4
- 7)  $3.6 \times 8.86 =$       3 1 8 9 6
- 8)  $9 \times 2.76 =$       2 4 8 4
- 9)  $9.27 \times 6.278 =$       5 8 1 9 7 0 6
- 10)  $1.3 \times 7.424 =$       9 6 5 1 2
- 11)  $2 \times 3.48 =$       6 9 6
- 12)  $7.48 \times 7.7 =$       5 7 5 9 6
- 13)  $1.8 \times 1.61 =$       2 8 9 8
- 14)  $5 \times 9.61 =$       4 8 0 5
- 15)  $4.9 \times 2 =$       9 8
- 16)  $6.32 \times 8.6 =$       5 4 3 5 2
- 17)  $2.8 \times 1.38 =$       3 8 6 4
- 18)  $4.39 \times 8.498 =$       3 7 3 0 6 2 2
- 19)  $1.1 \times 7.548 =$       8 3 0 2 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)

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$$3 + 1 = 4$$

$$5.\underline{089} (3) \times 7.\underline{8} (1) = 45.\underline{3102} (4)$$

Also notice that  $5 \times 7 = 35$  and  $6 \times 8 = 48$ , so  $5.809 \times 7.8$  will be a more than 35 but less than 48.

**Answers**

1. 75.924

2. 37.1610

3. 4.7

4. 25.812

5. 79.75638

6. 2.34

7. 31.896

8. 24.84

9. 58.19706

10. 9.6512

11. 6.96

12. 57.596

13. 2.898

14. 48.05

15. 9.8

16. 54.352

17. 3.864

18. 37.30622

19. 8.3028

- 1)  $9 \times 8.436 = 75.924$
- 2)  $8.258 \times 4.5 = 37.1610$
- 3)  $4.7 \times 1 = 4.7$
- 4)  $7.17 \times 3.6 = 25.812$
- 5)  $8.334 \times 9.57 = 79.75638$
- 6)  $2 \times 1.17 = 2.34$
- 7)  $3.6 \times 8.86 = 31.896$
- 8)  $9 \times 2.76 = 24.84$
- 9)  $9.27 \times 6.278 = 58.19706$
- 10)  $1.3 \times 7.424 = 9.6512$
- 11)  $2 \times 3.48 = 6.96$
- 12)  $7.48 \times 7.7 = 57.596$
- 13)  $1.8 \times 1.61 = 2.898$
- 14)  $5 \times 9.61 = 48.05$
- 15)  $4.9 \times 2 = 9.8$
- 16)  $6.32 \times 8.6 = 54.352$
- 17)  $2.8 \times 1.38 = 3.864$
- 18)  $4.39 \times 8.498 = 37.30622$
- 19)  $1.1 \times 7.548 = 8.3028$