



Solve each problem.

$$5.47 \times 10^4$$

This is the same as saying:
 $5.47 \times (10 \times 10 \times 10 \times 10)$
 And because the base is 10 you can just move the decimal 4 places to the right to solve.

$$5 \underline{4700}.$$

$$5.47 \times 10^4 = 54,700$$

$$2.36 \div 10^2$$

Division is the same way. Only instead of moving the decimal right, you move it left.

$$\underline{.0236}$$

You can also multiply a negative exponent, which means the same thing.

$$2.36 \times 10^{-2} = 2.36 \div 10^2$$

Answers

1. _____
2. _____
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20. _____

1) $357.45 \div 10^4$

2) 35.487×10^4

3) $235.85 \div 10^3$

4) 46.97×10^3

5) $7.354 \div 10^2$

6) 1.8×10^4

7) $98.8 \div 10^3$

8) 86.115×10^4

9) $257.68 \div 10^1$

10) 7.9×10^4

11) $66.27 \div 10^2$

12) 2.41×10^2

13) $39.7 \div 10^2$

14) 998.951×10^3

15) $586.9 \div 10^1$

16) 9.335×10^4

17) $5.2 \div 10^2$

18) 26.3×10^2

19) $382.9 \div 10^3$

20) 878.8×10^3



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Answers

1. **0.035745**

2. **354,870**

3. **0.23585**

4. **46,970**

5. **0.07354**

6. **18,000**

7. **0.0988**

8. **861,150**

9. **25.768**

10. **79,000**

11. **0.6627**

12. **241**

13. **0.397**

14. **998,951**

15. **58.69**

16. **93,350**

17. **0.052**

18. **2,630**

19. **0.3829**

20. **878,800**

1) $357.45 \div 10^4$

2) 35.487×10^4

3) $235.85 \div 10^3$

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1) $3.665 \div 10^3$

2) 327.18×10^3

3) $89.2 \div 10^4$

4) 35.8×10^4

5) $78.721 \div 10^1$

6) 651.599×10^4

7) $73.44 \div 10^3$

8) 2.35×10^4

9) $14.9 \div 10^3$

10) 5.96×10^1

11) $83.3 \div 10^3$

12) 964.998×10^3

13) $56.489 \div 10^1$

14) 634.51×10^4

15) $283.52 \div 10^1$

16) 5.45×10^1

17) $41.4 \div 10^2$

18) 72.4×10^3

19) $1.279 \div 10^3$

20) 863.687×10^4



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Answers

1. **0.003665**

2. **327,180**

3. **0.00892**

4. **358,000**

5. **7.8721**

6. **6,515,990**

7. **0.07344**

8. **23,500**

9. **0.0149**

10. **59.6**

11. **0.0833**

12. **964,998**

13. **5.6489**

14. **6,345,100**

15. **28.352**

16. **54.5**

17. **0.414**

18. **72,400**

19. **0.001279**

20. **8,636,870**

1) $3.665 \div 10^3$

2) 327.18×10^3

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1) $55.2 \div 10^3$

2) 8.79×10^1

3) $3.283 \div 10^2$

4) 5.3×10^2

5) $729.3 \div 10^4$

6) 8.539×10^4

7) $392.4 \div 10^4$

8) 77.75×10^3

9) $33.623 \div 10^4$

10) 9.231×10^1

11) $5.83 \div 10^4$

12) 8.439×10^2

13) $93.442 \div 10^4$

14) 39.823×10^4

15) $68.3 \div 10^4$

16) 8.172×10^3

17) $93.78 \div 10^3$

18) 982.5×10^1

19) $331.69 \div 10^1$

20) 731.559×10^1



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Answers

1. 0.0552

2. 87.9

3. 0.03283

4. 530

5. 0.07293

6. 85,390

7. 0.03924

8. 77,750

9. 0.0033623

10. 92.31

11. 0.000583

12. 843.9

13. 0.0093442

14. 398,230

15. 0.00683

16. 8,172

17. 0.09378

18. 9,825

19. 33.169

20. 7,315.59

1) $55.2 \div 10^3$

2) 8.79×10^1

3) $3.283 \div 10^2$

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1) $997.3 \div 10^4$

2) 556.5×10^3

3) $348.5 \div 10^4$

4) 19.933×10^1

5) $345.251 \div 10^3$

6) 62.6×10^4

7) $1.7 \div 10^3$

8) 49.8×10^3

9) $291.193 \div 10^3$

10) 226.923×10^3

11) $6.78 \div 10^2$

12) 9.296×10^1

13) $938.23 \div 10^4$

14) 65.159×10^1

15) $26.42 \div 10^4$

16) 25.9×10^4

17) $6.184 \div 10^4$

18) 949.17×10^2

19) $928.5 \div 10^4$

20) 3.1×10^1



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Answers

1. 0.09973

2. 556,500

3. 0.03485

4. 199.33

5. 0.345251

6. 626,000

7. 0.0017

8. 49,800

9. 0.291193

10. 226,923

11. 0.0678

12. 92.96

13. 0.093823

14. 651.59

15. 0.002642

16. 259,000

17. 0.0006184

18. 94,917

19. 0.09285

20. 31

1) $997.3 \div 10^4$

2) 556.5×10^3

3) $348.5 \div 10^4$

4) 19.933×10^1

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19. _____
20. _____

1) $77.73 \div 10^4$

2) 2.374×10^1

3) $43.12 \div 10^2$

4) 356.86×10^2

5) $86.5 \div 10^2$

6) 311.596×10^3

7) $1.97 \div 10^3$

8) 551.89×10^3

9) $22.4 \div 10^3$

10) 4.657×10^4

11) $186.8 \div 10^4$

12) 99.7×10^1

13) $17.66 \div 10^4$

14) 948.995×10^2

15) $15.9 \div 10^4$

16) 2.8×10^4

17) $3.125 \div 10^4$

18) 8.93×10^3

19) $286.9 \div 10^1$

20) 844.267×10^4



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$$2.36 \times 10^{-2} = 2.36 \div 10^2$$

Answers

1. 0.007773

2. 23.74

3. 0.4312

4. 35,686

5. 0.865

6. 311,596

7. 0.00197

8. 551,890

9. 0.0224

10. 46,570

11. 0.01868

12. 997

13. 0.001766

14. 94,899.5

15. 0.00159

16. 28,000

17. 0.0003125

18. 8,930

19. 28.69

20. 8,442,670

1) $77.73 \div 10^4$

2) 2.374×10^1

3) $43.12 \div 10^2$

4) 356.86×10^2

5) $86.5 \div 10^2$

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1) $3.96 \div 10^3$

2) 199.792×10^1

3) $599.758 \div 10^3$

4) 5.37×10^1

5) $35.4 \div 10^2$

6) 77.491×10^1

7) $299.69 \div 10^2$

8) 3.6×10^2

9) $5.24 \div 10^1$

10) 648.525×10^2

11) $31.115 \div 10^1$

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14) 27.11×10^1

15) $91.5 \div 10^1$

16) 6.189×10^1

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Answers

1. 0.00396

2. 1,997.92

3. 0.599758

4. 53.7

5. 0.354

6. 774.91

7. 2.9969

8. 360

9. 0.524

10. 64,852.5

11. 3.1115

12. 82,400

13. 0.03125

14. 271.1

15. 9.15

16. 61.89

17. 0.061424

18. 5,432.9

19. 0.77219

20. 353,920

1) $3.96 \div 10^3$

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1) $743.6 \div 10^3$

2) 551.958×10^4

3) $75.675 \div 10^4$

4) 5.3×10^2

5) $3.3 \div 10^2$

6) 36.2×10^1

7) $233.556 \div 10^3$

8) 992.84×10^2

9) $538.1 \div 10^4$

10) 828.3×10^2

11) $7.2 \div 10^1$

12) 89.565×10^1

13) $52.55 \div 10^3$

14) 21.45×10^4

15) $1.5 \div 10^3$

16) 858.42×10^2

17) $47.315 \div 10^3$

18) 54.57×10^4

19) $432.291 \div 10^3$

20) 678.11×10^3



Solve each problem.

<p style="text-align: center;">5.47×10^4</p> <p>This is the same as saying: $5.47 \times (10 \times 10 \times 10 \times 10)$ And because the base is 10 you can just move the decimal 4 places to the right to solve.</p> <p style="text-align: center;"><u>5 4 7 0 0.</u></p> <p style="text-align: center;">$5.47 \times 10^4 = 54,700$</p>	<p style="text-align: center;">$2.36 \div 10^2$</p> <p>Division is the same way. Only instead of moving the decimal right, you move it left.</p> <p style="text-align: center;"><u>.0 2 3 6</u></p> <p>You can also multiply a negative exponent, which means the same thing.</p> <p style="text-align: center;">$2.36 \times 10^{-2} = 2.36 \div 10^2$</p>
--	--

Answers

- | | | |
|--|--|--|
| <p>1) $743.6 \div 10^3$</p> <p>3) $75.675 \div 10^4$</p> <p>5) $3.3 \div 10^2$</p> <p>7) $233.556 \div 10^3$</p> <p>9) $538.1 \div 10^4$</p> <p>11) $7.2 \div 10^1$</p> <p>13) $52.55 \div 10^3$</p> <p>15) $1.5 \div 10^3$</p> <p>17) $47.315 \div 10^3$</p> <p>19) $432.291 \div 10^3$</p> | <p>2) 551.958×10^4</p> <p>4) 5.3×10^2</p> <p>6) 36.2×10^1</p> <p>8) 992.84×10^2</p> <p>10) 828.3×10^2</p> <p>12) 89.565×10^1</p> <p>14) 21.45×10^4</p> <p>16) 858.42×10^2</p> <p>18) 54.57×10^4</p> <p>20) 678.11×10^3</p> | <p>1. <u>0.7436</u></p> <p>2. <u>5,519,580</u></p> <p>3. <u>0.0075675</u></p> <p>4. <u>530</u></p> <p>5. <u>0.033</u></p> <p>6. <u>362</u></p> <p>7. <u>0.233556</u></p> <p>8. <u>99,284</u></p> <p>9. <u>0.05381</u></p> <p>10. <u>82,830</u></p> <p>11. <u>0.72</u></p> <p>12. <u>895.65</u></p> <p>13. <u>0.05255</u></p> <p>14. <u>214,500</u></p> <p>15. <u>0.0015</u></p> <p>16. <u>85,842</u></p> <p>17. <u>0.047315</u></p> <p>18. <u>545,700</u></p> <p>19. <u>0.432291</u></p> <p>20. <u>678,110</u></p> |
|--|--|--|



Solve each problem.

$$5.47 \times 10^4$$

This is the same as saying:
 $5.47 \times (10 \times 10 \times 10 \times 10)$
 And because the base is 10 you can just move the decimal 4 places to the right to solve.

$$5 \underline{4700}.$$

$$5.47 \times 10^4 = 54,700$$

$$2.36 \div 10^2$$

Division is the same way. Only instead of moving the decimal right, you move it left.

$$\underline{.0236}$$

You can also multiply a negative exponent, which means the same thing.

$$2.36 \times 10^{-2} = 2.36 \div 10^2$$

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____
19. _____
20. _____

1) $27.738 \div 10^2$

2) 899.5×10^3

3) $318.69 \div 10^1$

4) 67.617×10^3

5) $92.26 \div 10^2$

6) 7.29×10^1

7) $255.314 \div 10^1$

8) 597.9×10^4

9) $51.4 \div 10^4$

10) 913.7×10^4

11) $243.6 \div 10^4$

12) 23.47×10^3

13) $467.455 \div 10^4$

14) 1.218×10^1

15) $91.836 \div 10^1$

16) 91.17×10^1

17) $21.1 \div 10^4$

18) 823.725×10^3

19) $919.875 \div 10^4$

20) 83.56×10^2



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$$2.36 \times 10^{-2} = 2.36 \div 10^2$$

Answers

1. 0.27738

2. 899,500

3. 31.869

4. 67,617

5. 0.9226

6. 72.9

7. 25.5314

8. 5,979,000

9. 0.00514

10. 9,137,000

11. 0.02436

12. 23,470

13. 0.0467455

14. 12.18

15. 9.1836

16. 911.7

17. 0.00211

18. 823,725

19. 0.0919875

20. 8,356

1) $27.738 \div 10^2$

2) 899.5×10^3

3) $318.69 \div 10^1$

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14. _____
15. _____
16. _____
17. _____
18. _____
19. _____
20. _____

1) $6.936 \div 10^4$

2) 66.19×10^1

3) $994.35 \div 10^3$

4) 31.88×10^2

5) $38.257 \div 10^2$

6) 26.537×10^2

7) $46.9 \div 10^4$

8) 151.66×10^3

9) $288.162 \div 10^2$

10) 883.893×10^3

11) $73.7 \div 10^4$

12) 328.9×10^2

13) $335.311 \div 10^3$

14) 895.6×10^3

15) $23.9 \div 10^1$

16) 83.497×10^2

17) $554.883 \div 10^2$

18) 63.259×10^3

19) $1.316 \div 10^2$

20) 7.934×10^2



Solve each problem.

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This is the same as saying:
 $5.47 \times (10 \times 10 \times 10 \times 10)$
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$$\underline{54700.}$$

$$5.47 \times 10^4 = 54,700$$

$$2.36 \div 10^2$$

Division is the same way. Only instead of moving the decimal right, you move it left.

$$\underline{.0236}$$

You can also multiply a negative exponent, which means the same thing.

$$2.36 \times 10^{-2} = 2.36 \div 10^2$$

Answers

1. 0.0006936

2. 661.9

3. 0.99435

4. 3,188

5. 0.38257

6. 2,653.7

7. 0.00469

8. 151,660

9. 2.88162

10. 883,893

11. 0.00737

12. 32,890

13. 0.335311

14. 895,600

15. 2.39

16. 8,349.7

17. 5.54883

18. 63,259

19. 0.01316

20. 793.4

1) $6.936 \div 10^4$

2) 66.19×10^1

3) $994.35 \div 10^3$

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5) $38.257 \div 10^2$

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9) $288.162 \div 10^2$

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9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____
19. _____
20. _____

1) $12.5 \div 10^4$

2) 2.252×10^1

3) $8.93 \div 10^1$

4) 52.8×10^3

5) $6.26 \div 10^1$

6) 699.87×10^2

7) $3.849 \div 10^2$

8) 263.732×10^4

9) $88.381 \div 10^3$

10) 341.861×10^2

11) $377.36 \div 10^2$

12) 2.29×10^3

13) $34.25 \div 10^1$

14) 87.1×10^3

15) $29.24 \div 10^2$

16) 66.374×10^1

17) $972.91 \div 10^4$

18) 6.828×10^2

19) $1.6 \div 10^2$

20) 531.24×10^4



Solve each problem.

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This is the same as saying:
 $5.47 \times (10 \times 10 \times 10 \times 10)$
 And because the base is 10 you can just move the decimal 4 places to the right to solve.

$$\underline{54700.}$$

$$5.47 \times 10^4 = 54,700$$

$$2.36 \div 10^2$$

Division is the same way. Only instead of moving the decimal right, you move it left.

$$\underline{.0236}$$

You can also multiply a negative exponent, which means the same thing.

$$2.36 \times 10^{-2} = 2.36 \div 10^2$$

Answers

1. 0.00125

2. 22.52

3. 0.893

4. 52,800

5. 0.626

6. 69,987

7. 0.03849

8. 2,637,320

9. 0.088381

10. 34,186.1

11. 3.7736

12. 2,290

13. 3.425

14. 87,100

15. 0.2924

16. 663.74

17. 0.097291

18. 682.8

19. 0.016

20. 5,312,400

1) $12.5 \div 10^4$

2) 2.252×10^1

3) $8.93 \div 10^1$

4) 52.8×10^3

5) $6.26 \div 10^1$

6) 699.87×10^2

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