



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.

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

5 4 7 0 0.

$$2.36 \div 10^2$$

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

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

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

.0 2 3 6

Answers

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

1) $647.13 \div 10^1$

2) 2.614×10^1

3) $229.455 \div 10^2$

4) 5.6×10^2

5) $6.414 \div 10^1$

6) 762.4×10^4

7) $3.5 \div 10^4$

8) 1.617×10^2

9) $82.1 \div 10^4$

10) 117.94×10^4

11) $742.43 \div 10^3$

12) 186.9×10^1

13) $91.326 \div 10^2$

14) 419.42×10^4

15) $553.88 \div 10^3$

16) 47.66×10^2

17) $4.53 \div 10^3$

18) 762.319×10^4

19) $3.586 \div 10^3$

20) 324.2×10^2



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.

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

5 4 7 0 0.

$$2.36 \div 10^2$$

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

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

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

.0 2 3 6

Answers

- 1) $647.13 \div 10^1$
- 2) 2.614×10^1
- 3) $229.455 \div 10^2$
- 4) 5.6×10^2
- 5) $6.414 \div 10^1$
- 6) 762.4×10^4
- 7) $3.5 \div 10^4$
- 8) 1.617×10^2
- 9) $82.1 \div 10^4$
- 10) 117.94×10^4
- 11) $742.43 \div 10^3$
- 12) 186.9×10^1
- 13) $91.326 \div 10^2$
- 14) 419.42×10^4
- 15) $553.88 \div 10^3$
- 16) 47.66×10^2
- 17) $4.53 \div 10^3$
- 18) 762.319×10^4
- 19) $3.586 \div 10^3$
- 20) 324.2×10^2

- 1. 64.713
- 2. 26.14
- 3. 2.29455
- 4. 560
- 5. 0.6414
- 6. 7,624,000
- 7. 0.00035
- 8. 161.7
- 9. 0.00821
- 10. 1,179,400
- 11. 0.74243
- 12. 1,869
- 13. 0.91326
- 14. 4,194,200
- 15. 0.55388
- 16. 4,766
- 17. 0.00453
- 18. 7,623,190
- 19. 0.003586
- 20. 32,420