



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) $489.22 \div 10^4$

2) 18.995×10^3

3) $294.32 \div 10^1$

4) 327.498×10^1

5) $8.72 \div 10^1$

6) 163.761×10^4

7) $6.41 \div 10^1$

8) 847.5×10^2

9) $4.56 \div 10^1$

10) 747.3×10^1

11) $56.99 \div 10^2$

12) 843.12×10^1

13) $7.15 \div 10^4$

14) 23.745×10^4

15) $335.668 \div 10^1$

16) 95.81×10^4

17) $1.7 \div 10^2$

18) 67.296×10^2

19) $837.892 \div 10^2$

20) 22.411×10^3



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- 1. 0.048922
- 2. 18,995
- 3. 29.432
- 4. 3,274.98
- 5. 0.872
- 6. 1,637,610
- 7. 0.641
- 8. 84,750
- 9. 0.456
- 10. 7,473
- 11. 0.5699
- 12. 8,431.2
- 13. 0.000715
- 14. 237,450
- 15. 33.5668
- 16. 958,100
- 17. 0.017
- 18. 6,729.6
- 19. 8.37892
- 20. 22,411