



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) $6.71 \div 10^3$

2) 98.2×10^2

3) $14.264 \div 10^3$

4) 876.75×10^3

5) $579.626 \div 10^2$

6) 423.835×10^4

7) $66.14 \div 10^4$

8) 98.69×10^3

9) $2.17 \div 10^3$

10) 9.271×10^1

11) $751.198 \div 10^2$

12) 3.49×10^1

13) $663.43 \div 10^2$

14) 1.5×10^2

15) $437.3 \div 10^2$

16) 7.989×10^1

17) $1.946 \div 10^4$

18) 4.37×10^3

19) $34.948 \div 10^2$

20) 145.12×10^2



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- 1. 0.00671
- 2. 9,820
- 3. 0.014264
- 4. 876,750
- 5. 5.79626
- 6. 4,238,350
- 7. 0.006614
- 8. 98,690
- 9. 0.00217
- 10. 92.71
- 11. 7.51198
- 12. 34.9
- 13. 6.6343
- 14. 150
- 15. 4.373
- 16. 79.89
- 17. 0.0001946
- 18. 4,370
- 19. 0.34948
- 20. 14,512