



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.

$$\underline{\underline{54700.}}$$

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

$$2.36 \div 10^2$$

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

$$\underline{\underline{.0236}}$$

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

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

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

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_

13. \_\_\_\_\_

14. \_\_\_\_\_

15. \_\_\_\_\_

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

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

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

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

20. \_\_\_\_\_

1)  $8.5 \div 10^1$

2)  $248.92 \times 10^4$

3)  $1.28 \div 10^3$

4)  $498.32 \times 10^3$

5)  $415.95 \div 10^2$

6)  $52.8 \times 10^4$

7)  $582.61 \div 10^1$

8)  $8.15 \times 10^1$

9)  $4.7 \div 10^3$

10)  $9.849 \times 10^3$

11)  $9.969 \div 10^2$

12)  $6.72 \times 10^2$

13)  $61.423 \div 10^2$

14)  $144.717 \times 10^3$

15)  $884.4 \div 10^2$

16)  $79.5 \times 10^4$

17)  $6.14 \div 10^4$

18)  $3.595 \times 10^4$

19)  $66.5 \div 10^2$

20)  $74.3 \times 10^1$



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1. 0.85

2. 2,489,200

3. 0.00128

4. 498,320

5. 4.1595

6. 528,000

7. 58.261

8. 81.5

9. 0.0047

10. 9,849

11. 0.09969

12. 672

13. 0.61423

14. 144,717

15. 8.844

16. 795,000

17. 0.000614

18. 35,950

19. 0.665

20. 743