



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) $8.5 \div 10^1$

2) 248.92×10^4

3) $1.28 \div 10^3$

4) 498.32×10^3

5) $415.95 \div 10^2$

6) 52.8×10^4

7) $582.61 \div 10^1$

8) 8.15×10^1

9) $4.7 \div 10^3$

10) 9.849×10^3

11) $9.969 \div 10^2$

12) 6.72×10^2

13) $61.423 \div 10^2$

14) 144.717×10^3

15) $884.4 \div 10^2$

16) 79.5×10^4

17) $6.14 \div 10^4$

18) 3.595×10^4

19) $66.5 \div 10^2$

20) 74.3×10^1

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



Convert each number to expanded notation.

Ex) 391.675

$$3 \times 100 + 9 \times 10 + 1 + (6 \times \frac{1}{10}) + (7 \times \frac{1}{100}) + (5 \times \frac{1}{1000})$$

1) 231.856

2) 3.611

3) 362.72

4) 79.564

5) 42.1

6) 6.145

7) 315.178

8) 3.3

9) 74.3

10) 747.4

11) 27.2

12) 2.37

13) 794.7

14) 39.857

15) 57.629