



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) $7.68 \div 10^2$

2) 9.28×10^3

3) $642.3 \div 10^4$

4) 4.625×10^1

5) $5.284 \div 10^4$

6) 856.3×10^3

7) $5.9 \div 10^4$

8) 77.514×10^3

9) $4.82 \div 10^3$

10) 4.198×10^1

11) $2.2 \div 10^2$

12) 938.6×10^4

13) $27.2 \div 10^4$

14) 1.744×10^4

15) $15.45 \div 10^2$

16) 2.513×10^4

17) $6.36 \div 10^2$

18) 57.9×10^4

19) $66.847 \div 10^1$

20) 186.26×10^2



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20) 186.26×10^2

1. **0.0768**

2. **9,280**

3. **0.06423**

4. **46.25**

5. **0.0005284**

6. **856,300**

7. **0.00059**

8. **77,514**

9. **0.00482**

10. **41.98**

11. **0.022**

12. **9,386,000**

13. **0.00272**

14. **17,440**

15. **0.1545**

16. **25,130**

17. **0.0636**

18. **579,000**

19. **6.6847**

20. **18,626**