



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 6Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____

16. _____

17. _____

18. _____

19. _____

20. _____

1) $52.263 \div 10^4$

2) 5.77×10^3

3) $15.632 \div 10^1$

4) 76.317×10^4

5) $385.7 \div 10^4$

6) 94.95×10^3

7) $2.442 \div 10^4$

8) 185.855×10^3

9) $85.7 \div 10^1$

10) 88.879×10^1

11) $5.653 \div 10^3$

12) 6.6×10^3

13) $319.723 \div 10^3$

14) 7.8×10^2

15) $7.477 \div 10^2$

16) 7.146×10^3

17) $26.5 \div 10^4$

18) 85.166×10^4

19) $139.64 \div 10^4$

20) 5.14×10^1



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. 0 2 3 6

Answers

1. **0.0052263**

2. **5,770**

3. **1.5632**

4. **763,170**

5. **0.03857**

6. **94,950**

7. **0.0002442**

8. **185,855**

9. **8.57**

10. **888.79**

11. **0.005653**

12. **6,600**

13. **0.319723**

14. **780**

15. **0.07477**

16. **7,146**

17. **0.00265**

18. **851,660**

19. **0.013964**

20. **51.4**

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