



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) $96.1 \div 10^2$

2) 9.267×10^4

3) $99.553 \div 10^1$

4) 349.743×10^3

5) $121.5 \div 10^1$

6) 67.7×10^1

7) $877.8 \div 10^4$

8) 267.73×10^1

9) $13.98 \div 10^4$

10) 951.645×10^1

11) $438.317 \div 10^2$

12) 6.4×10^1

13) $9.9 \div 10^1$

14) 121.86×10^2

15) $785.2 \div 10^1$

16) 49.4×10^1

17) $98.853 \div 10^4$

18) 2.76×10^4

19) $4.89 \div 10^4$

20) 13.45×10^4



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) $96.1 \div 10^2$

2) 9.267×10^4

3) $99.553 \div 10^1$

4) 349.743×10^3

5) $121.5 \div 10^1$

6) 67.7×10^1

7) $877.8 \div 10^4$

8) 267.73×10^1

9) $13.98 \div 10^4$

10) 951.645×10^1

11) $438.317 \div 10^2$

12) 6.4×10^1

13) $9.9 \div 10^1$

14) 121.86×10^2

15) $785.2 \div 10^1$

16) 49.4×10^1

17) $98.853 \div 10^4$

18) 2.76×10^4

19) $4.89 \div 10^4$

20) 13.45×10^4

1. 0.961
2. 92,670
3. 9.9553
4. 349,743
5. 12.15
6. 677
7. 0.08778
8. 2,677.3
9. 0.001398
10. 9,516.45
11. 4.38317
12. 64
13. 0.99
14. 12,186
15. 78.52
16. 494
17. 0.0098853
18. 27,600
19. 0.000489
20. 134,500