



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.

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

54700.

$$2.36 \div 10^2$$

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.

$$2.36 \times 10^{-2} = 2.36 \div 10^2$$

.0236

Answers

1) $26.421 \div 10^2$

2) 37.6×10^2

3) $642.25 \div 10^3$

4) 896.281×10^1

5) $2.2 \div 10^4$

6) 57.311×10^2

7) $395.552 \div 10^3$

8) 31.566×10^1

9) $525.85 \div 10^4$

10) 93.41×10^3

11) $559.27 \div 10^4$

12) 9.9×10^2

13) $5.398 \div 10^1$

14) 4.939×10^3

15) $3.118 \div 10^2$

16) 7.991×10^1

17) $834.8 \div 10^2$

18) 93.62×10^1

19) $47.612 \div 10^3$

20) 14.444×10^2

1. _____
2. _____
3. _____
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Answers

1. 0.26421
2. 3,760
3. 0.64225
4. 8,962.81
5. 0.00022
6. 5,731.1
7. 0.395552
8. 315.66
9. 0.052585
10. 93,410
11. 0.055927
12. 990
13. 0.5398
14. 4,939
15. 0.03118
16. 79.91
17. 8.348
18. 936.2
19. 0.047612
20. 1,444.4

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