



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) $8.416 \div 10^3$

2) 45.7×10^2

3) $4.38 \div 10^3$

4) 19.32×10^1

5) $4.7 \div 10^2$

6) 42.88×10^3

7) $7.3 \div 10^3$

8) 4.67×10^1

9) $1.5 \div 10^3$

10) 43.449×10^3

11) $726.191 \div 10^2$

12) 37.7×10^2

13) $6.399 \div 10^3$

14) 146.4×10^1

15) $75.54 \div 10^2$

16) 5.989×10^2

17) $4.621 \div 10^3$

18) 58.858×10^1

19) $5.7 \div 10^4$

20) 74.348×10^1



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- 1. 0.008416
- 2. 4,570
- 3. 0.00438
- 4. 193.2
- 5. 0.047
- 6. 42,880
- 7. 0.0073
- 8. 46.7
- 9. 0.0015
- 10. 43,449
- 11. 7.26191
- 12. 3,770
- 13. 0.006399
- 14. 1,464
- 15. 0.7554
- 16. 598.9
- 17. 0.004621
- 18. 588.58
- 19. 0.00057
- 20. 743.48