



TWO SIDED
Multiplying and Dividing Powers of Ten

Unit 5, Station 1, Round 3,
Task 3

Solve each problem.

1) $1,190 \div 10^1$

2) $2,560,000 \div 10^2$

3) $6,800 \div 10^2$

4) $390 \div 10^2$

5) $20,000 \div 10^4$

6) $60,000 \div 10^4$

7) $600,000 \div 10^3$

8) $40,000 \div 10^3$

9) $1,280,000 \div 10^2$

10) $670 \div 10^1$

11) $20,000 \div 10^2$

12) $430 \div 10^1$

13) $28,200,000 \div 10^4$

14) $20,000 \div 10^3$

15) $692,000 \div 10^2$

16) $7,600 \div 10^1$

17) $130,000 \div 10^3$

18) $730 \div 10^1$

19) $293,000 \div 10^3$

20) $400,000 \div 10^3$

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____

16. _____

17. _____

18. _____

19. _____

20. _____



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.

$$\underline{54700.}$$

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

$$2.36 \div 10^2$$

Division is the same way. Only instead of moving the decimal right, you move it left.

$$\underline{.0236}$$

You can also multiply a negative exponent, which means the same thing.

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

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____

16. _____

17. _____

18. _____

19. _____

20. _____

1) $46.278 \div 10^2$

2) 2.1×10^1

3) $257.9 \div 10^4$

4) $71244 \div 10^2$

5) $6.722 \div 10^2$

6) $925.7 \div 10^3$

7) $39.7 \div 10^4$

8) $6.1 \div 10^3$

9) $564.48 \div 10^3$

10) $8.57 \div 10^2$

11) $329.6 \div 10^2$

12) $925.79 \div 10^1$

13) $253.2 \div 10^4$

13) $92469 \div 10^4$

15) $61.6 \div 10^4$

14) $2.1 \div 10^2$

17) $5.824 \div 10^1$

15) $911.41 \div 10^3$

19) $989.94 \div 10^1$

16) $500.6 \div 10^1$