**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.

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

$$.0\,2\,3\,6$$

1) $6.71 \div 10^3$

2) $98.2 \times 10^2$

3) $14.264 \div 10^3$

4) $876.75 \times 10^3$

5) $579.626 \div 10^2$

6) $423.835 \times 10^4$

7) $66.14 \div 10^4$

8) $98.69 \times 10^3$

9) $2.17 \div 10^3$

10) $9.271 \times 10^1$

11) $751.198 \div 10^2$

12) $3.49 \times 10^1$

13) $663.43 \div 10^2$

14) $1.5 \times 10^2$

15) $437.3 \div 10^2$

16) $7.989 \times 10^1$

17) $1.946 \div 10^4$

18) $4.37 \times 10^3$

19) $34.948 \div 10^2$

20) $145.12 \times 10^2$

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____
19. _____
20. _____

| 1-10 | 95 | 90 | 85 | 80 | 75 | 70 | 65 | 60 | 55 | 50 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11-20 | 45 | 40 | 35 | 30 | 25 | 20 | 15 | 10 | 5 | 0 |

**Solve each problem.**

**Answers**

<table>
<tr><td colspan="2">

$5.47 \times 10^4$

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.

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

$5\,4\,7\,0\,0\,.$
</td><td>

$2.36 \div 10^2$

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

$.0\,2\,3\,6$
</td></tr>
</table>

| | | | | |
|---|---|---|---|---|
| **1)** $6.71 \div 10^3$ | | **2)** $98.2 \times 10^2$ | 1. | **0.00671** |
| | | | 2. | **9,820** |
| **3)** $14.264 \div 10^3$ | | **4)** $876.75 \times 10^3$ | 3. | **0.014264** |
| | | | 4. | **876,750** |
| **5)** $579.626 \div 10^2$ | | **6)** $423.835 \times 10^4$ | 5. | **5.79626** |
| | | | 6. | **4,238,350** |
| **7)** $66.14 \div 10^4$ | | **8)** $98.69 \times 10^3$ | 7. | **0.006614** |
| | | | 8. | **98,690** |
| **9)** $2.17 \div 10^3$ | | **10)** $9.271 \times 10^1$ | 9. | **0.00217** |
| | | | 10. | **92.71** |
| **11)** $751.198 \div 10^2$ | | **12)** $3.49 \times 10^1$ | 11. | **7.51198** |
| | | | 12. | **34.9** |
| **13)** $663.43 \div 10^2$ | | **14)** $1.5 \times 10^2$ | 13. | **6.6343** |
| | | | 14. | **150** |
| **15)** $437.3 \div 10^2$ | | **16)** $7.989 \times 10^1$ | 15. | **4.373** |
| | | | 16. | **79.89** |
| **17)** $1.946 \div 10^4$ | | **18)** $4.37 \times 10^3$ | 17. | **0.0001946** |
| | | | 18. | **4,370** |
| **19)** $34.948 \div 10^2$ | | **20)** $145.12 \times 10^2$ | 19. | **0.34948** |
| | | | 20. | **14,512** |

**Math**

| 1-10 | 95 | 90 | 85 | 80 | 75 | 70 | 65 | 60 | 55 | 50 |
|---|---|---|---|---|---|---|---|---|---|---|
| 11-20 | 45 | 40 | 35 | 30 | 25 | 20 | 15 | 10 | 5 | 0 |