ASSIGNMENT #4: DECIMAL OPERATIONS

😎MILD: ADDING, SUBTRACTING, AND MULTIPLYING DECIMALS

If you need a refresher on how to add, subtract, and multiply decimals, check out the resources linked on the assignment website.

1. $6.29 + 3.48 =$
2. $71.23 - 0.98 =$
3. $1975.23 - 88.52 =$
4. $8.7 \bullet 6.2 =$
5. $15 + 0.074$
6. $300 - 65.11=$
7. $0.35 \bullet 0.88 =$
8. $6789.02 + 456.235 + 1406.91 =$
9. $(9.96)(3.74) =$
10. If a tree is 14.5 feet tall and it is cut down by 6.8 feet, how tall would the tree be now? Include units.

🤔MEDIUM: DIVIDING DECIMALS

If you need a refresher on how to divide decimals, check out the resources linked on the assignment website.

11. $52.17 \div 14.1 =$
12. $\frac{1.066}{0.02} =$
13. $3250 \div 0.0005 =$
14. $\frac{6.24}{2.4} =$
15. A clothing company buys 14.25 yards of material. If each item being sewn requires 0.75 yards of material, how many items can they make?

🤯SPICY: DECIMAL OPERATIONS WITH NEGATIVES!

The integer rules also apply when we work with decimals. In each blank square, **ADD, SUBTRACT, and MULTIPLY** the values. When subtracting use the number in the COLUMN as the first value in the problem.

+ − ×	**0.1**	**0.35**	**5.2**	**-0.06**
3.8	**16:**	**17:**	**18:**	**19:**

ANSWER KEY

1: 9.77	**2**: 70.25	**3**: 1886.71	**4**: 53.94	**5**: 15.074
6: 234.89	**7**: 0.3080	**8**: 8652.165	**9**: 37.2504	**10**: 7.7 feet
11: 3.7	**12**: 53.3	**13**: 6,500,000	**14**: 2.6	**15**: 19 items
16: 3.9 3.7 0.38	**17**: 4.15 3.45 1.33	**18**: 9 -1.4 19.76	**19**: 3.74 3.86 -0.228	