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. $\dfrac{1.066}{0.02} =$

13. $3250 \div 0.0005 =$

14. $\dfrac{6.24}{2.4} =$

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	