

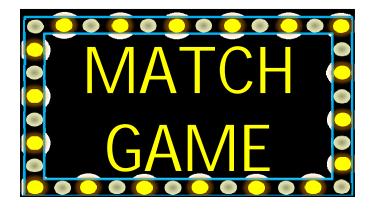


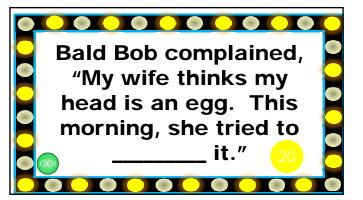
What You Will Do:

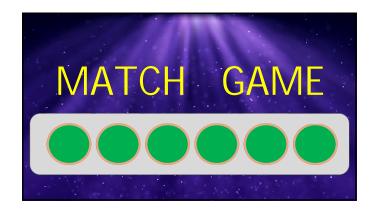
- Learn how to avoid common mistakes when writing word problems
- Learn the important pieces of a word problem
- Create a setting bank for word problems
- Learn how to help students decode and solve word problems

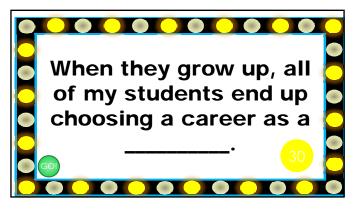


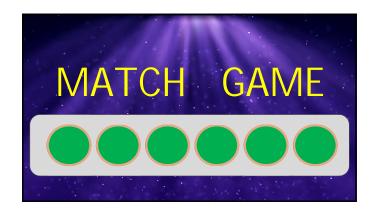




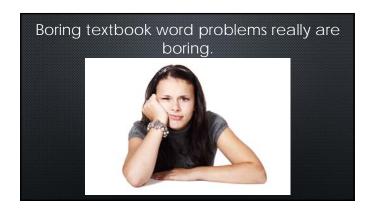












A rectangle with length 8 and width 6 is proportionately enlarged to have a width of 24. What is the length? Mr. Robertson wants to enlarge a 4-inch long by 6-inch wide photograph of himself into a 64-inch wide poster.



What is the length of the poster?



Using "Adult" themes is not only unengaging but also confusing to students.

Jim buys a house for \$200,000. His down payment is \$25,000. His realtor's fee is 4% of the price of the house, which must be paid at closing. How much money must Jim bring to closing, and how much more will he owe on the house?

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Important Elements of a Good Story:

Conflict

Characters

Action

Setting

Conflict

Whatever you are asking students to find in a math problem probably causes more than enough conflict.

Characters

Look around your school.
Use students and teachers.
Use celebrities that everyone knows.

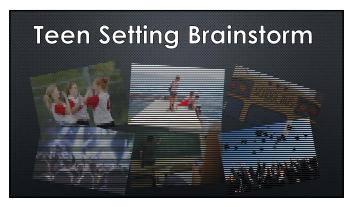
Action

What is happening in this scene (or, in our case, story problem)

Setting

The surroundings where an event takes place





Teen Setting Brainstorm

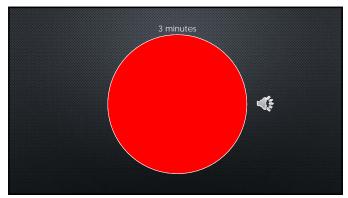
What does almost *everyone* at your school have in common?

- Places
- Events
- Situations

2:00









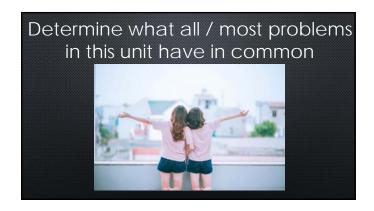




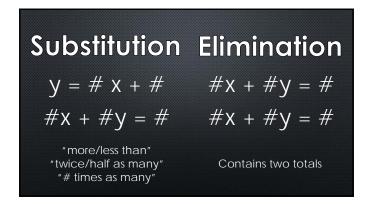


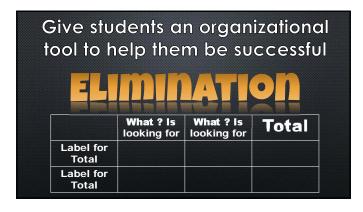


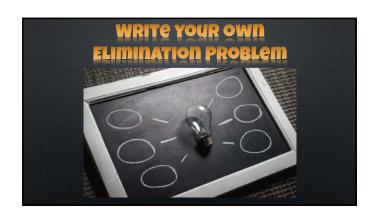






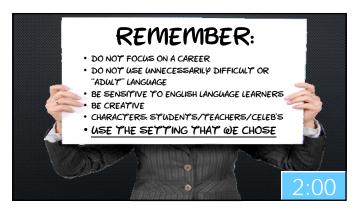




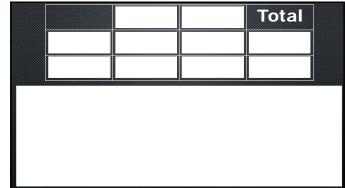


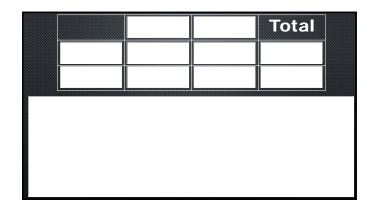
You go on a first date with Adam Levine, and the two of you eat eight Sliders and three onion rings for just \$7.85. For your one-week anniversary, you return to the same place and buy twelve Sliders and four onion rings for \$11.20. How much does each item cost?

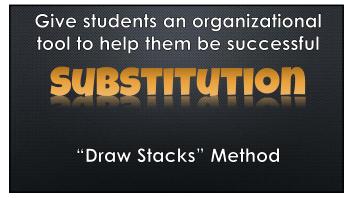


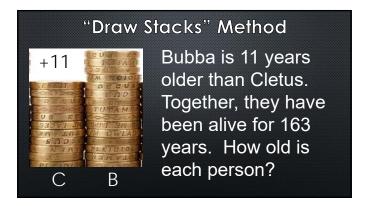


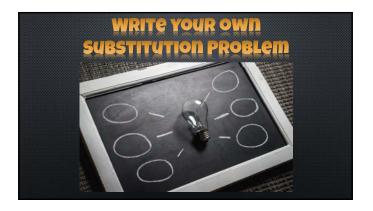


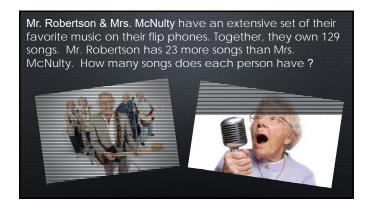




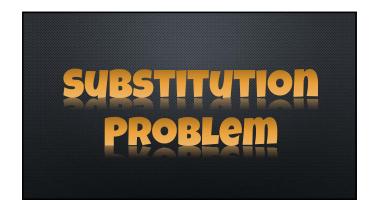










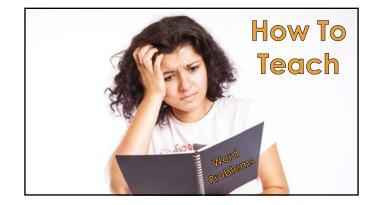








- · DO NOY FOCUS ON A CAREER
- DO NOT USE UNNECESSARILY DIFFICULY OR "ADULY" LANGUAGE
- · BE SENSITIVE TO ENGLISH LANGUAGE LEARNERS
- · BE CREATIVE
- · CHARACTERS: USE STUDENTS &/OR TEACHERS
- · USE YOUR SETTING BANK
- · CONTINUE TO ADD TO YOUR SETTING BANK
- * PLACES, SITUATIONS, & EVENTS THAT ALL OF YOUR STUDENTS HAVE IN COMMON
- ❖ SCI-FI, RICH & FAMOUS, SUPERHERO POWER, & OTHER WILD SETTINGS





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