

TXTAS

SHOOTOUT



Directions:

- Class will divide up into Wild West gangs (2 people in each gang) One person in the gang will be the “shooter” and text the answer to the sheriff. The other gang member will load the “ammo” by helping solve the problems.
- Class will have a sheriff who checks the answer and calls out which gang was fastest.
- The class will have a deputy who helps sheriff find the right answer and marks the “notches” on the belt. (whiteboard)

Da Rules-Pardner

- ❑ The first gang who texts the right answer to the sheriff gets 2 notches on their “gunbelt”.
- ❑ Gangs that text the right answer will get 1 notch on their gunbelt.
- ❑ Incorrect answers will not receive a notch.
- ❑ Answers may be texted to the sheriff until the teacher reviews the answer with the class.
- ❑ High noon questions: fastest gang gets 3 points, 2nd gang gets 2 points, all other correct answers get 1.

- Answers must have units.
- Because of phone settings a formula does not have to display numbers as a subscript. For example, water can be texted H20.
- All calculations should be rounded to the hundredths place.
- The winner at end of game will be placed on a WANTED POSTER and get a REWARD!!

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- What is the formula of the compound made by aluminum and oxygen?



□ What would you name Al_2O_3 ?

□ What is the name of the following formula:



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- What is the name of the following formula:



□ How would you write Disulfur
tribromide?



□ What is the name of ZnCl_2

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- What is the molar mass of calcium?




□ How many grams are in one mole of calcium?



□ How many grams are in 1 mole of carbon?



□ How many atoms are in 1 mole of carbon?




□ How many grams are in 1 mole of potassium chloride?


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- What is the molar mass of calcium bromide?

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- What is molar mass of oxygen gas?

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- How many moles of potassium are in 25.62 grams of potassium?

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- How many moles of boron are in 25.62 grams of boron?

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- How many moles of silicon are in 128.20 grams of silicon?

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- How many moles of Diphosphorous pentoxide are in 125.20 grams of diphosphorous pentoxide?



□ How many molecules are in one mole of lithium iodide?

High NOON Question:

- How many atoms would be in 24.022 grams of carbon?