



Math Activity – Grade Seven

Remembrance Day

“The United Kingdom has been the principal source of supply of the munitions required by the British Commonwealth and Empire Forces” in the war effort of WWII. (War museum.ca page 10 section II – home production)

Production of Munitions by the United Kingdom September 1939 to June 1944

Ground Munitions

Artillery	13,512
Heavy anti-aircraft equipments	6,294
Light anti-aircraft equipments	15,324
Machine Guns	3,729,921
Rifles	2,001,949
Tanks	25,116
Wheeled vehicles for services	919,111

Naval Vessels

Major Naval vessels	722
Mosquito naval craft	1,386
Other naval vessels	3,636

Aircraft

Total aircraft	102,609
Heavy bombers	10,018
Medium and light bombers	17,702
Fighters	38,025

Expectations:

determine through investigation, the relationship among fractions, decimals, percents, and ratios;

Mental Set for the lesson:

Have students brainstorm the munitions that the allies used to defeat the Germans in WWII.

Development:

Share with the students the munitions table above and have them answer the following questions:

- Write the following ratios
 - ground munitions totals to naval vessels totals
 - naval vessel totals to aircraft totals
 - ground munitions totals to aircraft totals.
- Have students represent the following as parts of the whole munitions (as fractions, decimals and percentages)
 - ground munitions
 - naval vessels
 - aircraft

Consolidate/Debrief:

Brainstorm the relationship between fractions, decimals, percents and ratios.

Home Activity:

Have students generate their own list of fractions, decimals, percents and ratios that appear in their lives.