Week 6 - Wednesday

Rounding Whole Numbers

1.) **94,688** to the nearest 10,000

2.) **745** to the nearest 1,000

3.) **270,675** to the nearest 1,000

4.) **214,867** to the nearest 100,000

Back to Basics

5.) $\frac{5664}{9}$ =

6.) 5,498 x 54 =

7.) 3,200 + 6,599 =

8.) 3,299 - 1,199 =

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- Match the fractions to the equivalent decimals.

$\frac{2}{5}$	0.04
$\frac{1}{25}$	0.4
$\frac{1}{4}$	0.25

- Use your knowledge of known fractions to convert the fractions to decimals. Show your method for each one.

$\frac{7}{20}$ $\frac{3}{4}$ $\frac{2}{5}$ $\frac{6}{200}$

- Mo says that $\frac{63}{100}$ is less than 0.65

Do you agree with Mo?
Explain your answer.

Dora and Whitney are converting $\frac{30}{500}$ into a decimal.

- Dora doubles the numerator and denominator, then divides by 10
- Whitney divides both the numerator and the denominator by 5
- Both get the answer $\frac{6}{100}$ = 0.06

Which method would you use to work out each of the following?

$\frac{25}{500}$ $\frac{125}{500}$ $\frac{40}{500}$ $\frac{350}{500}$

Explain why you have used a certain method.

Amir says,

The decimal 0.42 can be read as 'four tenths and two hundredths'.

Teddy says,

The decimal 0.42 can be read as 'forty-two hundredths'.

Who do you agree with?
Explain your answer.

True or False?

0.3 is bigger than $\frac{1}{4}$

Explain your reasoning.