Key vocabulary

Rounding: Is a method of finding an estimate that's the closest to a given place value.
Example: **1.37** Rounded to the nearest tenths place would equal **1.4**

Estimation: An approximation for the result of a calculation.

Comparing: Less Than, Greater Than, or Equal.
Example: **4.256 ‹ 4.276**

**Ordering:** Ranking numbers from least to greatest or greatest to least.
Example: **1.2; 4.3; 3.1, 1.6** Answer: **1.2; 1.6, 3.1, 4.3**

Scientific Notation: Writing a number as the product of a number greater than or equal to 1 but less than 10 and a power of 10.
Example: $350 = 3.5 \times 10^2$

12.932

DECIMALS

Adding Decimals: $13.75 + 5.5$

line up decimal points	→	13.75 5.5
tack on zero(s)	→	13.75 5.50
drop down decimal point	→	13.75 5.50 .
add normally	→	13.75 5.50 19.25

PROBLEM SOLVING

Ben weighs 7.6kg. His older brother is 3 times as heavy. How much does his older brother weigh?
E

Sarah bought 12 meters of fabric to make a patchwork quilt. If the fabric was on sale for $6.29 per meter, how much did Sarah spend?
F

Tom buys 3 liters of yellow paint and 2 liters of blue paint. If the yellow paint is $12.95 a liter and the blue paint is $14.95 a liter, how much does Tom spend on paint?
G

Ordering Decimals

123.45
Hundreds | Tens | Ones | Tenths | Hundredths

Comparison of Decimal

Green part of square
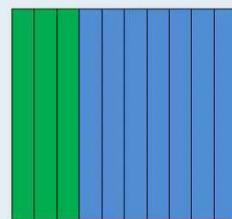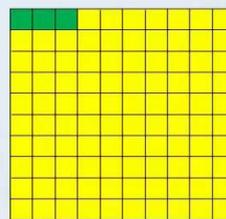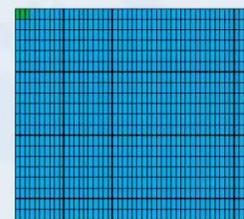
0.3 > 0.03 > 0.003

Three tenths is greater than three hundredths and three hundredths is greater than three thousandths