



Vocabulary: Cargo Captain



Vocabulary

- **Base-10 system** – a system of numbers based on powers of 10.
 - The base-10 system uses 10 digits: 0, 1, 2, 3, 4, 5, 6, 7, 8, and 9.
 - The position of a digit determines its value. For example, the number 239 means 2 hundreds, 3 tens, and 9 ones.
 - The base-10 system is also called the decimal system.
- **Difference** – the result of subtraction.
 - The difference between 8 and 3 is 5 because $8 - 3 = 5$.
- **Regrouping** – rewriting a number by changing how it is composed into hundreds, tens, and ones.
 - For example, the number 35 is composed of 3 tens and 5 ones ($30 + 5$). By regrouping one of the tens into 10 ones, it can be written as 2 tens and 15 ones ($20 + 15$).
 - Regrouping is useful when subtracting multi-digit numbers.
 - One way to solve $42 - 17$ is regroup the 42 into 3 tens and 12 ones ($30 + 12$). So, $12 - 7 = 5$, and $3 - 1 = 2$.

$$\begin{array}{r} 34\cancel{2} \\ - 17 \\ \hline 25 \end{array}$$

- **Subtract** – take one number away from another.
 - $15 - 9$ means to start with 15 and take away 9.
 - Can also be expressed as “Subtract 9 from 15.”

