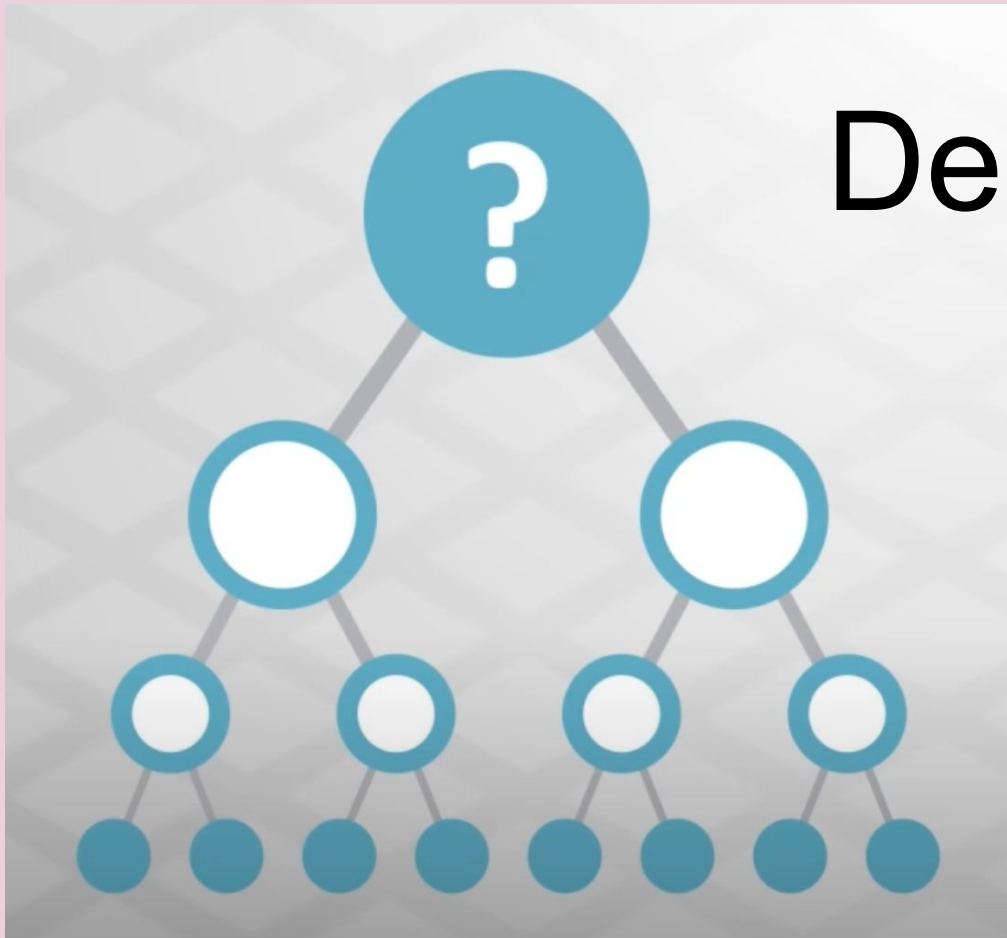
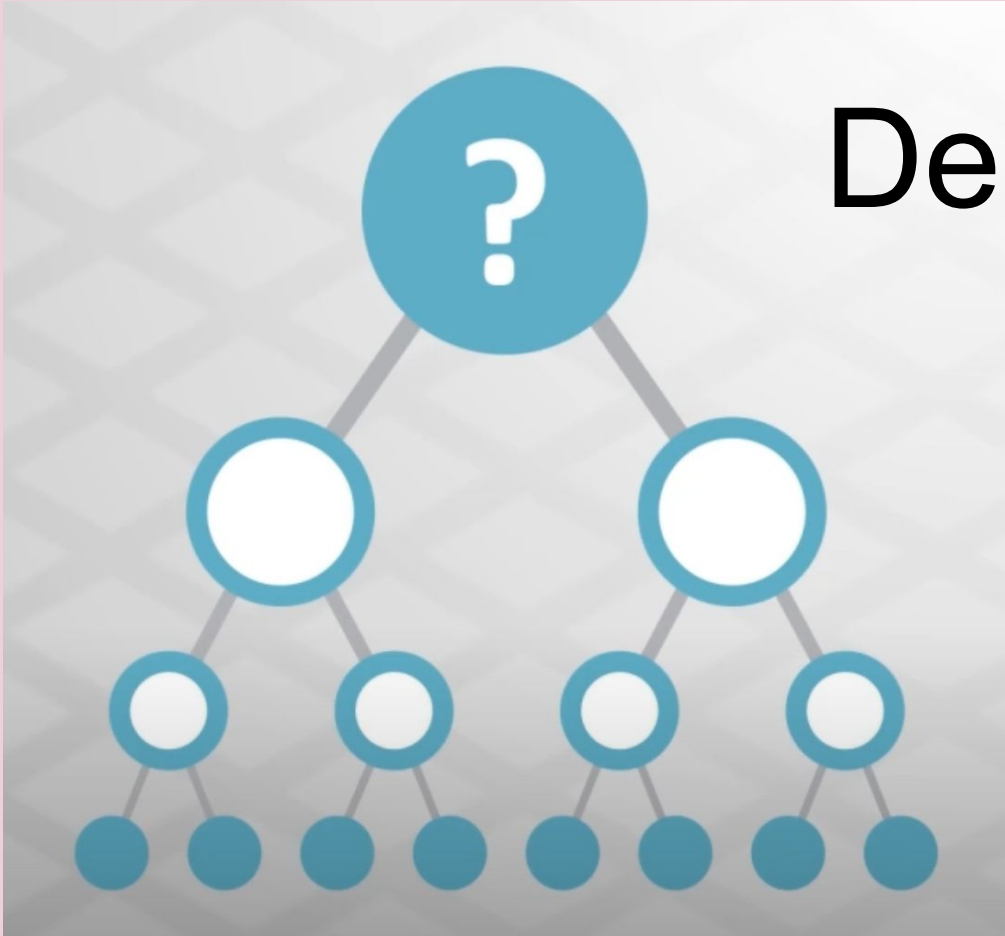


Decomposition

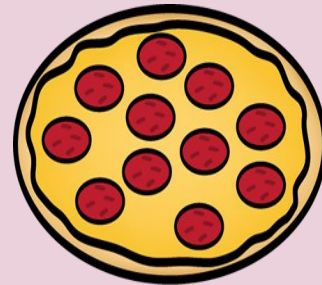


Decomposition



What is Decomposition?

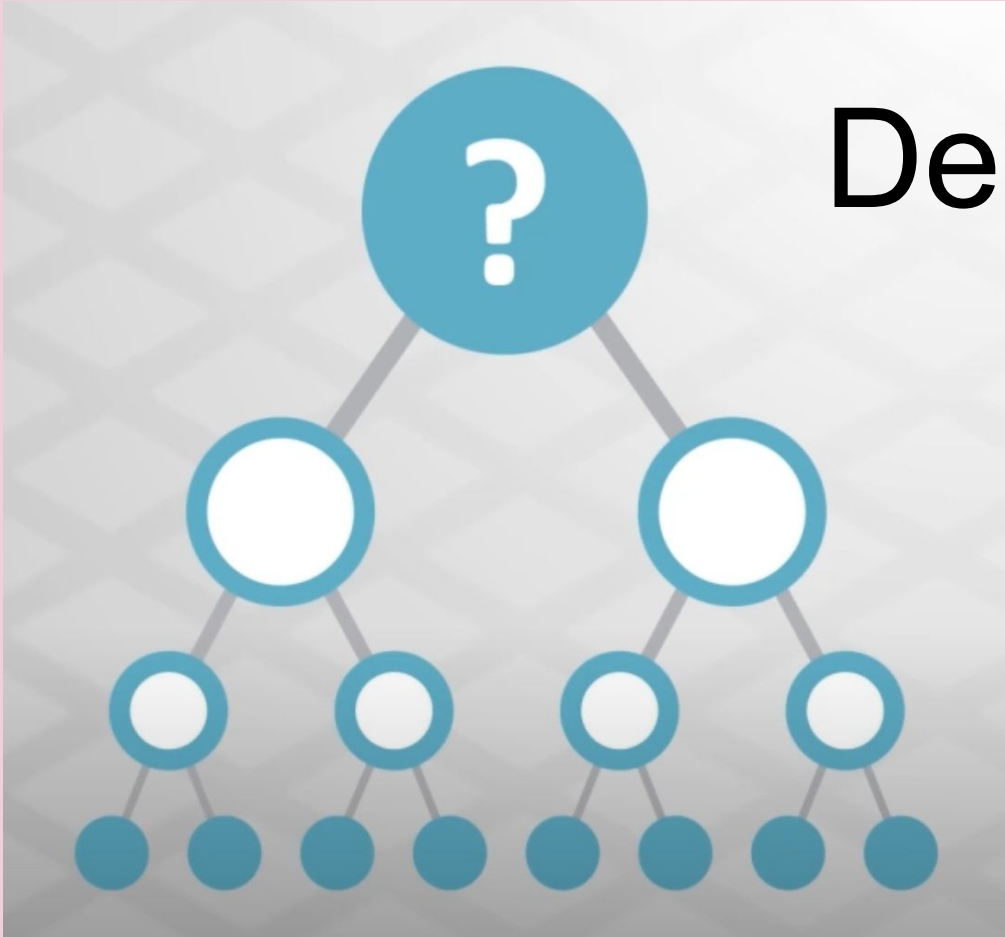
Decomposition is breaking a whole thing down into smaller parts that are easier to manage.



Decompose this pizza

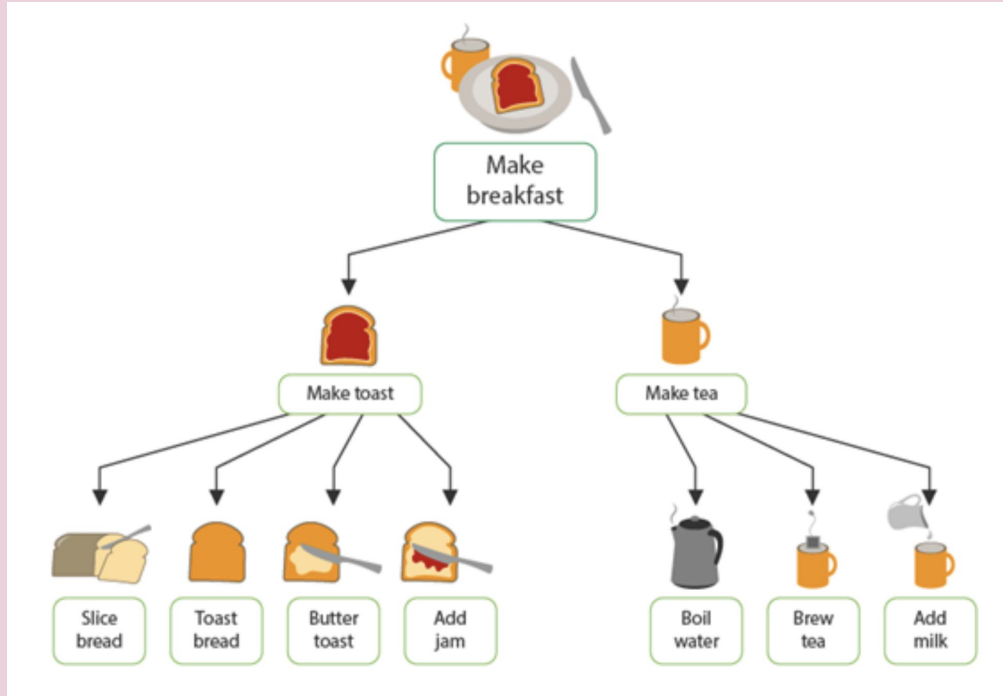
Decomposition

What else can we decompose?



Decomposition of a Car

Decomposition



Decomposing Anne's Strengths

What People,
Activities, Places,
and things make
us feel strong?



Decomposition

Learning Target: We will decompose (break down) the many steps of division into smaller parts. We will work on estimating multi-digit division problems.

Decomposition

Learning Target: We will decompose (break down) the many steps of division into smaller parts. We will work on estimating multi-digit division problems.

dividend ÷ divisor

$$\frac{\text{dividend}}{\text{divisor}}$$


divisor $\overline{\hspace{1.5cm}}$ dividend

The diagram shows a division problem on a light orange background. The word "divisor" is written in red to the left of a right-facing curly bracket. The bracket extends to the right, where it meets a horizontal line that forms the top of a rectangular box. Inside this box, the word "dividend" is written in black. The box has a thin black border.

Decomposition

Learning Target: We will decompose (break down) the many steps of division into smaller parts. We will work on estimating multi-digit division problems.

$$\begin{array}{r} 23 \overline{) 5,520} \\ - 4,600 \quad \leftarrow 23 \times 200 \\ \hline 920 \\ - 690 \quad \leftarrow 23 \times 30 \\ \hline 230 \\ - 230 \quad \leftarrow 23 \times 10 \\ \hline 0 \end{array}$$