

Challenge

Surprise Object

Riddle: I have a trunk but I cannot pack anything in it.
What am I?

Use any method to solve. Ring the letter above the exercises where grouping is needed. Write the ringed letters above the matching totals in the code.

$\begin{array}{r} A \quad 19 \\ + 36 \\ \hline \end{array}$	$\begin{array}{r} R \quad 224 \\ + 72 \\ \hline \end{array}$	$\begin{array}{r} E \quad 25 \\ + 57 \\ \hline \end{array}$	$\begin{array}{r} P \quad 26 \\ + 54 \\ \hline \end{array}$
$\begin{array}{r} K \quad 44 \\ + 132 \\ \hline \end{array}$	$\begin{array}{r} L \quad 67 \\ + 25 \\ \hline \end{array}$	$\begin{array}{r} C \quad 135 \\ + 154 \\ \hline \end{array}$	$\begin{array}{r} T \quad 18 \\ + 43 \\ \hline \end{array}$
$\begin{array}{r} N \quad 74 \\ + 16 \\ \hline \end{array}$	$\begin{array}{r} H \quad 45 \\ + 338 \\ \hline \end{array}$	$\begin{array}{r} V \quad 41 \\ + 43 \\ \hline \end{array}$	$\begin{array}{r} E \quad 228 \\ + 234 \\ \hline \end{array}$

Answer: _____
 82 92 462 80 383 55 90 61

Write About It How can you tell that grouping will be needed in an addition equation?

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$\begin{array}{r} \textcircled{\text{A}} \quad 19 \\ + 36 \\ \hline 55 \end{array}$	$\begin{array}{r} \text{R} \quad 224 \\ + 72 \\ \hline 296 \end{array}$	$\begin{array}{r} \textcircled{\text{E}} \quad 25 \\ + 57 \\ \hline 82 \end{array}$	$\begin{array}{r} \textcircled{\text{P}} \quad 26 \\ + 54 \\ \hline 80 \end{array}$
$\begin{array}{r} \text{K} \quad 44 \\ + 132 \\ \hline 176 \end{array}$	$\begin{array}{r} \textcircled{\text{L}} \quad 67 \\ + 25 \\ \hline 92 \end{array}$	$\begin{array}{r} \text{C} \quad 135 \\ + 154 \\ \hline 289 \end{array}$	$\begin{array}{r} \textcircled{\text{T}} \quad 18 \\ + 43 \\ \hline 61 \end{array}$
$\begin{array}{r} \textcircled{\text{N}} \quad 74 \\ + 16 \\ \hline 90 \end{array}$	$\begin{array}{r} \textcircled{\text{H}} \quad 45 \\ + 338 \\ \hline 383 \end{array}$	$\begin{array}{r} \text{V} \quad 41 \\ + 43 \\ \hline 84 \end{array}$	$\begin{array}{r} \textcircled{\text{E}} \quad 228 \\ + 234 \\ \hline 462 \end{array}$

Answer: $\frac{\text{E}}{82}$ $\frac{\text{L}}{92}$ $\frac{\text{E}}{462}$ $\frac{\text{P}}{80}$ $\frac{\text{H}}{383}$ $\frac{\text{A}}{55}$ $\frac{\text{N}}{90}$ $\frac{\text{T}}{61}$

Write About It How can you tell that grouping will be needed in an addition equation?

Answers will vary. Possible answer: If any of the places in an addition equation add to more than 9, grouping will be needed.