

Subtraction Quiz

Andy and Kris each solved the problem $340 - 289$. Look at the two different methods.

Andy's Strategy

$$\begin{array}{r} 13 \\ 2 \cancel{8} 10 \\ \cancel{3} 4 \cancel{0} \\ - 289 \\ \hline 51 \end{array}$$

Kris's Strategy

$$289 + \textcircled{1} = 290$$

$$290 + \textcircled{10} = 300$$

$$300 + \textcircled{40} = 340$$

$$40 + 10 + 1 = 51$$

1. In Andy's solution, why did he write a 10 above the zero?
2. Which strategy do you like better for this problem? Why?
3. Solve $140 - 89$ using Kris's Strategy and Andy's Strategy.

Solve and check your answer. Use the *Subtraction Strategies Menu*.

$$\begin{array}{r} 4. \quad 629 \\ \quad -267 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 5001 \\ \quad -3287 \\ \hline \end{array}$$

6. Show how you checked your answer to Question 4.

7. Show how to solve $43 - 29$ two different ways.

Subtraction Quiz Feedback Box	Expectation	Check In	Comments
Apply place value concepts to make connections among representations of numbers. [Q# 1]	E1		
Subtract multidigit numbers using mental math strategies. [Q# 3–7]	E3		
Subtract multidigit numbers using paper-and-pencil methods. [Q# 3–7]	E4		