



Skills Practice

Stage 32: The Number System

Task 1:

Lauren's recipe for fruit punch calls for $\frac{1}{4}$ liter of juice mix to make a jug of punch.
 Lauren has $\frac{1}{3}$ liter of juice mix.

How many jugs of punch can Lauren make?

Make a model to show your thinking.
 Write an expression that matches the question, and solve the problem.

Task 2:

Charley makes some errors in her work below:

$$\begin{array}{r}
 12 \overline{) 6805} \\
 \underline{60} \\
 85 \\
 \underline{84} \\
 1
 \end{array}$$

Find and fix them to find the quotient.
 How might you explain the mistakes to Charley?





Skills Practice

Stage 32: The Number System

Task 3:

On a bitter cold January day in Boston, MA, the temperature read 8° F.
The winds were 25-35 mph, making what is called the 'real feel' temperature at 9 AM feel like -5° F.
By 4 PM, the temperature dropped more and the winds became stronger. The 'real feel' was -12° F.
By 8 PM, the temperature 'real feel' temperature increased by 4 degrees.

Place the 'real feel' temperatures for 9 AM, 4 PM, and 8 PM on a number line.
What was the difference between the lowest and highest temperature?

