Samir made banana smoothies for his class.

On Monday, he made enough smoothie to fill six whole bottles and two thirds of another bottle.

On Tuesday, he made enough smoothie to fill three whole bottles and one sixth of another bottle.

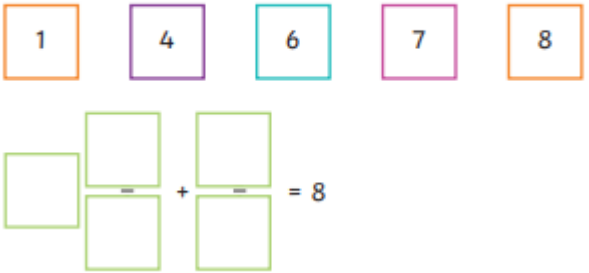
How many bottles did he fill altogether? Give your answer as a mixed number.

$6\frac{2}{3} + 3\frac{1}{6} = 6\frac{4}{6} + 3\frac{1}{6} = 9 + \frac{5}{6} = 9\frac{5}{6}$

or

$6\frac{2}{3} + 3\frac{1}{6} = \frac{20}{3} + \frac{19}{6} = \frac{40}{6} + \frac{19}{6} = \frac{59}{6} = 9\frac{5}{6}$

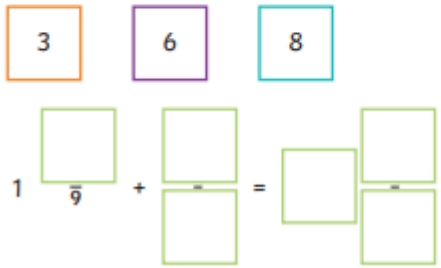
a) Use these digit cards to complete the calculation. You can only use each card once.



a) $7\frac{1}{4} + \frac{6}{8} = 8$ *or* $7\frac{6}{8} + \frac{1}{4} = 8$

b) Use these digit cards to complete the calculation that will give the largest possible answer.

You do not need to use the digit cards for the answer. The answer may or may not be a whole number. You can only use each card once.



b) $1\frac{6}{9} + \frac{8}{3} = 4\frac{3}{9}$ *or* $4\frac{1}{3}$