









Here are four fractions.



- a) Which two fractions add together to give $\frac{49}{99}$?
- **b)** Which two fractions add together to give $\frac{23}{36}$?





What fraction of the middle rectangle has been shaded?

How would you work out these calculations without a calculator? Discuss your methods with a partner. a) $\frac{14}{91} + \frac{3}{13}$ b) $(\frac{4}{7} - \frac{2}{17}) + (\frac{3}{7} - \frac{38}{51})$ c) $\frac{1}{2} - \frac{1}{3} + \frac{1}{4} - \frac{1}{5} + \frac{1}{6}$