

Partial credit is based on work shown!

7pts

1. a. Which fraction is smaller, $\frac{5}{6}$ or $\frac{8}{9}$? _____ Show what you did to determine this.

b. Find a fraction between the fractions $\frac{5}{6}$ and $\frac{8}{9}$.

c. Add the two fractions, showing your steps.

$$\frac{5}{6} + \frac{8}{9}$$

2pts

2. **Estimate** using compatible numbers.

$$35 \frac{1}{6} \div 8 \frac{4}{5} =$$

3pts

3. **Calculate mentally** using the distributive property.

$$14 \times 2 \frac{4}{7} =$$

3pts

4. Illustrate $\frac{1}{4}$ of $\frac{2}{3}$ using a rectangular diagram. Clearly label the diagram to indicate each fraction and the answer.