

Additional Prompts – Op D

These tasks emerged out of the fraction research. Teachers may wish to use them as diagnostic or summative assessments, exit cards, number talk prompts, or additional practice questions. By considering both the specifics of the cell and student use of purposeful models, teachers can support students in acquiring a strong conceptual understanding.

$$2\frac{1}{4} + \frac{1}{8} + 1\frac{1}{2} = 3\frac{7}{8}$$

Prove this is true by drawing a picture/model.

Identify the missing value. $\frac{1}{2} + \frac{1}{4} = ? + \frac{3}{8}$

Cheryl has a special 1 cup container for her fruit smoothies. She wants to try a new recipe which calls for $\frac{1}{4}$ cup of orange juice, $\frac{2}{3}$ cup of fruit and $\frac{1}{8}$ cup of yogurt. Will her container hold the new smoothie?

Is $\frac{3}{4} + \frac{6}{7}$ more or less than 1? How do you know?