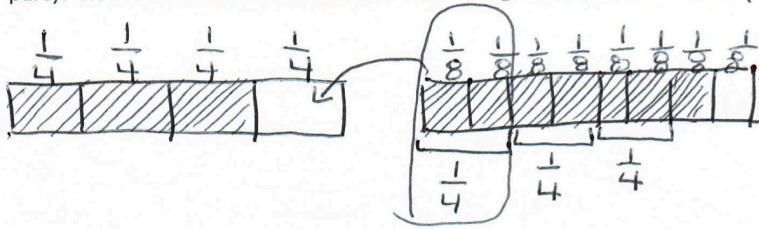


Student 1

3. Jackie brought $\frac{3}{4}$ of a gallon of iced tea to the party. Bill brought $\frac{7}{8}$ of a gallon of iced tea to the same party. How much iced tea did Jackie and Bill bring to the party? *Convince me*



$$\frac{3}{4} + \frac{7}{8} = 1\frac{5}{8}$$

$$\frac{3}{4} + \frac{3}{4} + \frac{1}{8}$$

$$\frac{6}{4} + \frac{1}{8}$$

$$1\frac{3}{2} + \frac{1}{8} = 1\frac{5}{8}$$

Student 2

3. Jackie brought $\frac{3}{4}$ of a gallon of iced tea to the party. Bill brought $\frac{7}{8}$ of a gallon of iced tea to the same party. How much iced tea did Jackie and Bill bring to the party? *Convince me.*

~~$\frac{3}{4} = \frac{6}{8}$~~ $\frac{3 \times 8}{4} = 6$

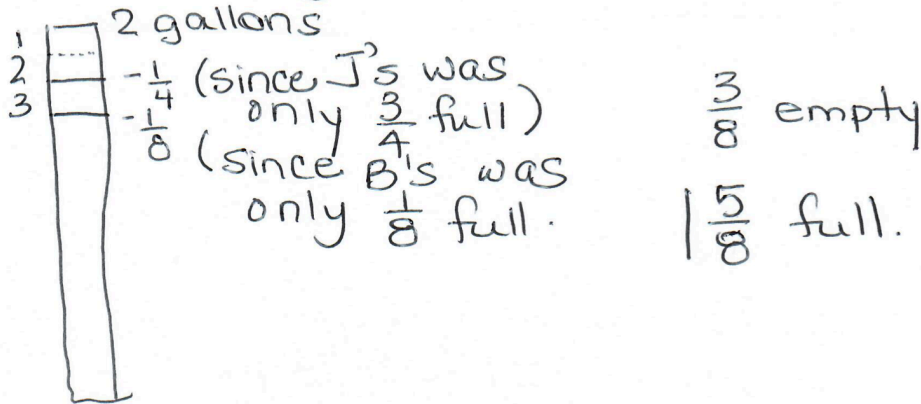
$$\frac{3}{4} = \frac{6}{8}$$

$$\frac{6}{8} + \frac{7}{8} = \frac{13}{8} \text{ gallons.}$$

Student 3

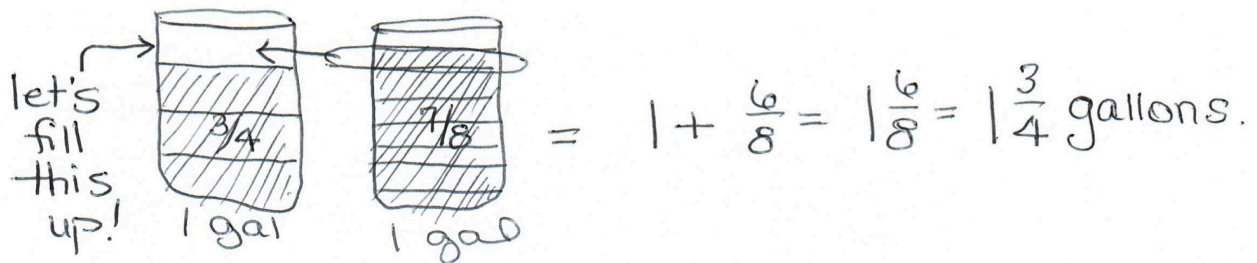
3. Jackie brought $\frac{3}{4}$ of a gallon of iced tea to the party. Bill brought $\frac{7}{8}$ of a gallon of iced tea to the same party. How much iced tea did Jackie and Bill bring to the party? *Convince Me.*

Each brought a partial gallon.



Student 4

3. Jackie brought $\frac{3}{4}$ of a gallon of iced tea to the party. Bill brought $\frac{7}{8}$ of a gallon of iced tea to the same party. How much iced tea did Jackie and Bill bring to the party? *Convince Me.*

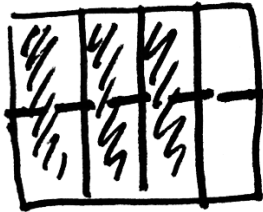


Student 5

3. Jackie brought $\frac{3}{4}$ of a gallon of iced tea to the party. Bill brought $\frac{7}{8}$ of a gallon of iced tea to the same party. How much iced tea did Jackie and Bill bring to the party?

Convince Me.

$$\frac{3}{4} + \frac{7}{8}$$



$$\frac{6}{8} + \frac{7}{8} = \frac{13}{8}$$

$$\frac{3}{4} = \frac{6}{8}$$

Student 6

3. Jackie brought $\frac{3}{4}$ of a gallon of iced tea to the party. Bill brought $\frac{7}{8}$ of a gallon of iced tea to the same party. How much iced tea did Jackie and Bill bring to the party?

Convince Me.

need same units $\rightarrow \frac{3}{4} + \frac{7}{8} = ? \text{ gallons}$
 change to 8

$$\frac{3}{4} = \frac{?}{8}$$

$$3 \times 8 = 24$$

- 4, 8, 12, 16, 20, 24
 1 2 3 4 5 6

so $\frac{6}{8}$ gallons

Student 7

3. Jackie brought $\frac{3}{4}$ of a gallon of iced tea to the party. Bill brought $\frac{7}{8}$ of a gallon of iced tea to the same party. How much iced tea did Jackie and Bill bring to the party?

Convince Me.

$\frac{3}{4} + \frac{7}{8} = ?$

$4 \times 2 = 8$
so
 $\left(\frac{3}{4} \times \frac{2}{2}\right) = \frac{6}{8}$

$\frac{6}{8} + \frac{7}{8} = \frac{14}{8} = 1 \frac{6}{8} \text{ gallons}$

Student 8

3. Jackie brought $\frac{3}{4}$ of a gallon of iced tea to the party. Bill brought $\frac{7}{8}$ of a gallon of iced tea to the same party. How much iced tea did Jackie and Bill bring to the party?

Convince Me.

$\frac{3}{4} \times \frac{4}{4} = \frac{12}{16}$

$14 + 12 = \frac{26}{16} = 1 \frac{6}{16} \text{ gallon}$

$\frac{3}{4} \times \frac{3}{3} = \frac{9}{12}$

$\frac{7}{8} \times \frac{2}{2} = \frac{14}{16}$