

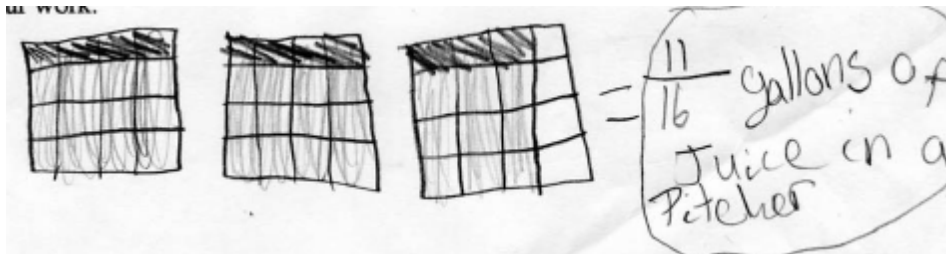
Session 13 D Student Work Partitive Division

#1

Mrs. Jenkins has $2\frac{3}{4}$ gallons of juice for the class picnic.

The juice is divided evenly into four pitchers.

How much juice is in each pitcher? Show your work.



Session 13 D Student Work Partitive Division

#2

Mrs. Jenkins has $2\frac{3}{4}$ gallons of juice for the class picnic.

The juice is divided evenly into four pitchers.

How much juice is in each pitcher? Show your work.

How much juice is in each pitcher?

Handwritten student work showing the division of $2\frac{3}{4}$ gallons into 4 pitchers. The student has written "6875 gallons" above the division line.

$$\begin{array}{r} 4 \overline{) 2.75} \\ \underline{-2} \\ .75 \\ \underline{-.60} \\ .15 \\ \underline{-.12} \\ .030 \\ \underline{-.028} \\ .0020 \\ \underline{-.0020} \\ .0000 \end{array}$$

The student also has a separate calculation on the right side of the page:

$$\begin{array}{r} .5 \\ .15 \\ .03 \\ .007 \\ .0005 \\ \hline .6875 \end{array}$$

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#3

Mrs. Jenkins has $2\frac{3}{4}$ gallons of juice for the class picnic.

The juice is divided evenly into four pitchers.

How much juice is in each pitcher? Show your work.

$$2\frac{3}{4} \div 4$$

$$\frac{11}{4} \times \frac{1}{4} = \frac{11}{16} \text{ of a gallon in each pitcher}$$

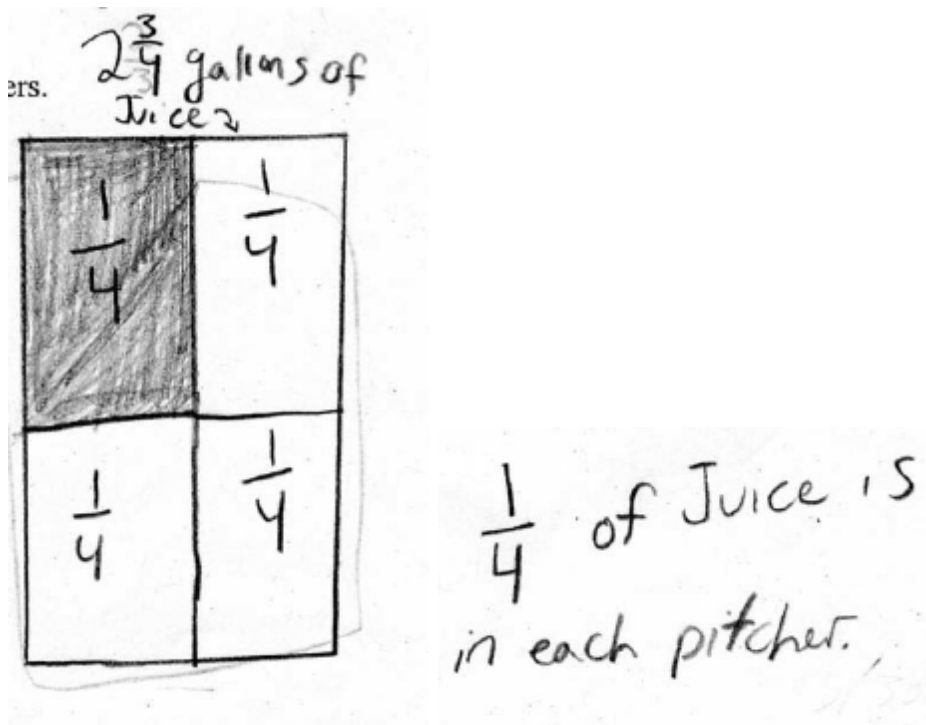
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#4

Mrs. Jenkins has $2\frac{3}{4}$ gallons of juice for the class picnic.

The juice is divided evenly into four pitchers.

How much juice is in each pitcher? Show your work.



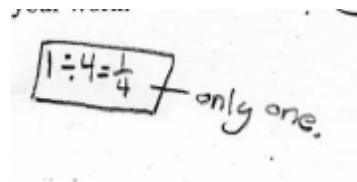
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#5

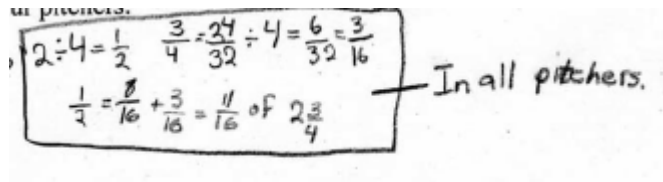
Mrs. Jenkins has $2\frac{3}{4}$ gallons of juice for the class picnic.

The juice is divided evenly into four pitchers.

How much juice is in each pitcher? Show your work.



$1 \div 4 = \frac{1}{4}$ — only one.



$2 \div 4 = \frac{1}{2}$ $\frac{3}{4} = \frac{27}{32} \div 4 = \frac{6}{32} = \frac{3}{16}$
 $\frac{1}{2} = \frac{8}{16} + \frac{3}{16} = \frac{11}{16}$ of $2\frac{3}{4}$ — In all pitchers.

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#6

Mrs. Jenkins has $2\frac{3}{4}$ gallons of juice for the class picnic.

The juice is divided evenly into four pitchers.

How much juice is in each pitcher? Show your work.

P = pitcher

$$2\frac{3}{4} = \frac{11}{4} = \frac{22}{8}$$


each pitcher has $\frac{5}{8}$ and $\frac{1}{16}$

$$\left. \begin{array}{l} \frac{5}{8} = \frac{10}{16} \\ \frac{1}{16} = \frac{1}{16} \end{array} \right) = \frac{11}{16}$$

Each pitcher gets $\frac{11}{16}$

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#7

Mrs. Jenkins has $2\frac{3}{4}$ gallons of juice for the class picnic.

The juice is divided evenly into four pitchers.

How much juice is in each pitcher? Show your work.

$$2\frac{3}{4} = \frac{11}{4} \quad \frac{11}{4} = \frac{44}{16}$$

$$\frac{11}{16} + \frac{11}{16} + \frac{11}{16} + \frac{11}{16} = \frac{44}{16}$$

Each pitcher has $\frac{11}{16}$ gallons of juice.

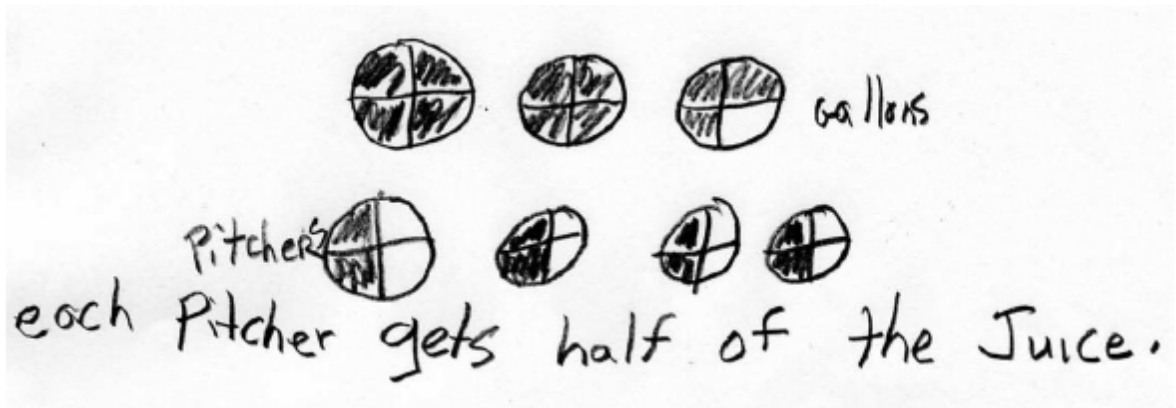
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8

Mrs. Jenkins has $2\frac{3}{4}$ gallons of juice for the class picnic.

The juice is divided evenly into four pitchers.

How much juice is in each pitcher? Show your work.



Session 13 D Student Work Partitive Division

#9

Mrs. Jenkins has $2\frac{3}{4}$ gallons of juice for the class picnic.

The juice is divided evenly into four pitchers.

How much juice is in each pitcher? Show your work.

$$\frac{11}{4} \times \frac{1}{4} = \frac{11}{16}$$

$\frac{11}{16}$ of a gallon in each pitcher

Session 13 D Student Work Partitive Division

#10

Mrs. Jenkins has $2\frac{3}{4}$ gallons of juice for the class picnic.

The juice is divided evenly into four pitchers.

How much juice is in each pitcher? Show your work.

$$2\frac{3}{4} = \frac{11}{4} \quad \frac{11}{4} = \frac{44}{16}$$
$$\frac{44}{16} \div 4 = \frac{11}{16} \text{ of juice}$$

#11

Mrs. Jenkins has $2\frac{3}{4}$ gallons of juice for the class picnic.

The juice is divided evenly into four pitchers.

How much juice is in each pitcher? Show your work.

$$\textcircled{1} 1 \div 4 = \frac{1}{4}$$

$$\textcircled{2} \frac{1}{4} \times 2 = \frac{2}{4}$$

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

$$\textcircled{4} \frac{12}{16} \div 4 = \frac{3}{16}$$

$$\textcircled{5} \frac{3}{16} + \frac{2}{4} = \frac{11}{16}$$

$\frac{11}{16}$ of a gallon ★

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