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$$\begin{array}{r} 47.5 \\ \times .4 \\ \hline 19.00 \end{array}$$ ← decimal

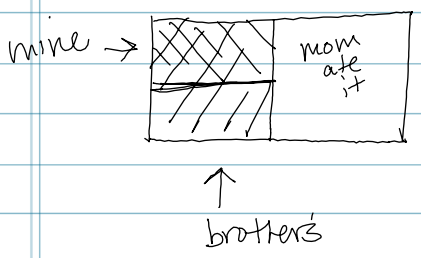
est ↘ ½ of 50 ≈ 25

$47\frac{1}{2} \times \frac{4}{10}$

$\frac{95}{2} \times \frac{4^{2}}{10_{2}} = \frac{38}{2} = 19$

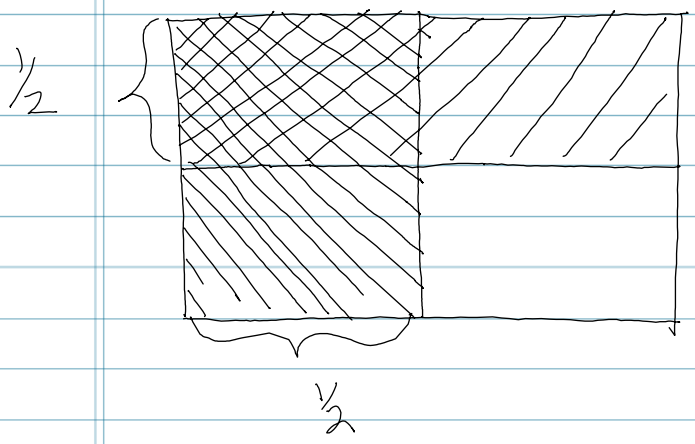
Mult. fractim = smaller product

① $\frac{1}{2} \cdot \frac{1}{2} = \frac{1}{4}$



½ of ½ = ¼

array model



product = intersection

* in models of divisim, the fractim will be of the divisor, not the whole.

* model is very dependent on context.

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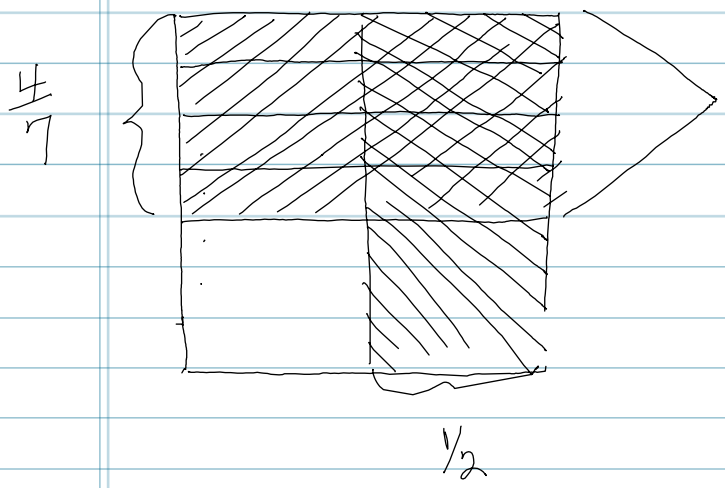
8. 9/25

$\frac{4}{7}$ of $\frac{1}{2}$ = $\frac{2}{7}$



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

Explain the array model of multiplying fractions. Use a photo in your text.

p.300

2. $8 \times 2/5$

$\frac{8}{1} \times \frac{2}{5} = \frac{16}{5} = 3\frac{1}{5}$

6. Corey needs 24 bds (47½ each)

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(4) $4\frac{3}{4} \times 2\frac{1}{8}$

$\frac{19}{4} \times \frac{17}{8} = \frac{323}{32} = 10\frac{3}{32}$

(6)
47½
47½
47½
47½
47½
47½
47½
47½

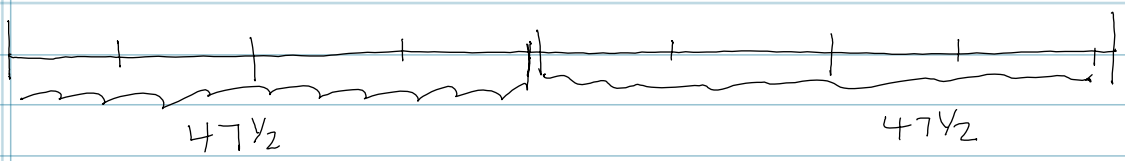
47½ x 24

$\frac{95}{2} \times \frac{24}{1} = \frac{1140}{1}$

1,140 inches

95
12
190
950
1140

95 ft
12 | 1140



8ft = $12

10ft = $13

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p.301

3 ft board into ½ ft pieces

=

wrong:

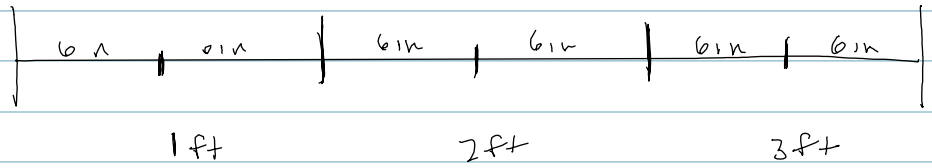
$3 \div \frac{1}{2} =$

$3 * 2 = 6$

$3 \div 2 = 1\frac{1}{2}$

wrong

$3 * \frac{1}{2}$



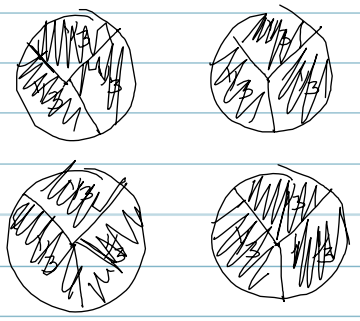
3 ft

36 in

(1 yd)

p.302

$4 \div \frac{2}{3} = 6$



NOT

$4 * 2/3 = 8/3 = 2\frac{2}{3}$

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

Color code

green = Jaylyn

blue = William

yellow = Jessica

orange = Mirna

brown = Sagaia

purple = Luva

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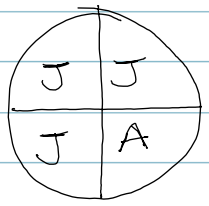
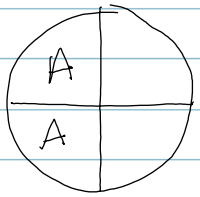
algorithm

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

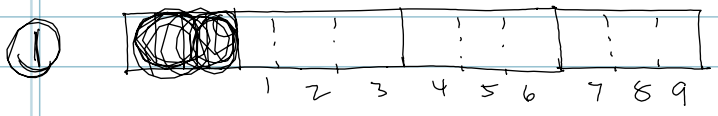
$4 \times \frac{3}{2} = \frac{12}{2} = 6$

p302 $2 \div \frac{3}{4} = 2\frac{2}{3}$





p303



$3 \div \frac{1}{3} = 9$

$\frac{3}{1} \times \frac{3}{1} = \frac{9}{1} = 9$

HW p. 303-304 (all)