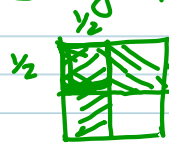


2/10 Math Task

Interpret division of fractions by other fractions

→ $\frac{1}{2}$ of $\frac{1}{2}$ (NOT division)



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

↑
there

↑
dividing
by

* how many sets of 2
are in that $\frac{1}{2}$

* make it into 2 equal
portions

divide by 2
"cutting it in half"
[$\frac{1}{2}$ of]

I want to give out \$2 each. I have
50¢.

$$\frac{1}{2} \div 2 = \frac{1}{4} \quad \text{why?}$$

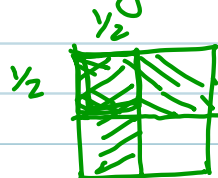
$$\frac{1}{2} \div \frac{2}{1}$$

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

2/10 Math Task

Interpret division of fractions by other fractions

$\frac{1}{2}$ of $\frac{1}{2}$ (NOT division)



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↑ dividing by

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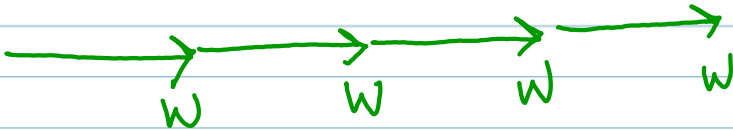
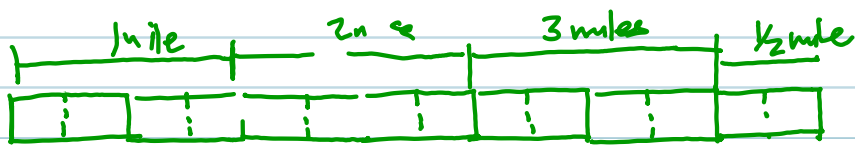
$$\frac{1}{2} \div 2 = \frac{1}{4}$$

why?

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

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

Bobbie walks $3\frac{1}{2}$ miles and stops every $\frac{3}{4}$ mi.



4 times with $\frac{1}{2}$ mile left over

what happens to the extra $\frac{1}{2}$ mile?

Well, what's one portion size?

$\frac{3}{4}$

what's left? $\frac{1}{2}$

How many $\frac{3}{4}$ fit in $\frac{1}{2}$? 3

I have $\frac{2}{3}$ of another portion

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