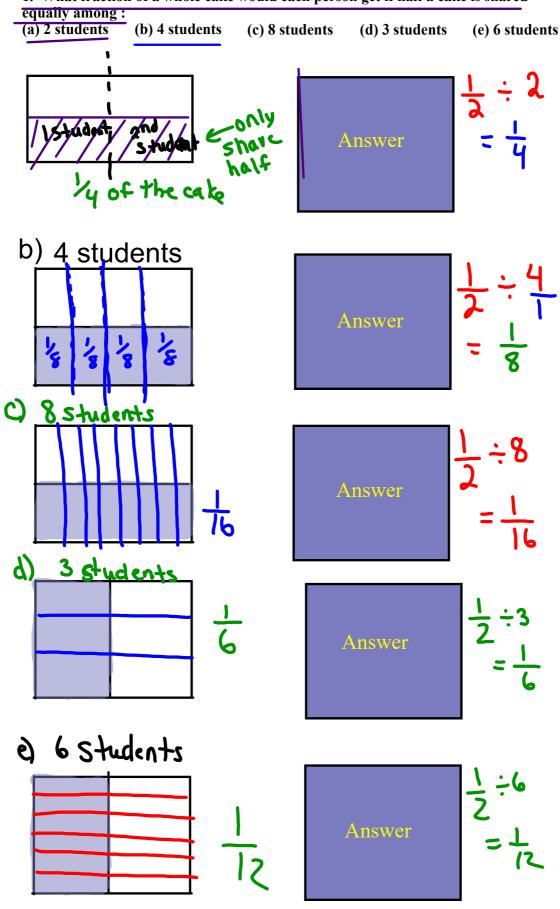
## Dividing a Fraction by a Whole Number

pg. 108

1. What fraction of a whole cake would each person get if half a cake is shared



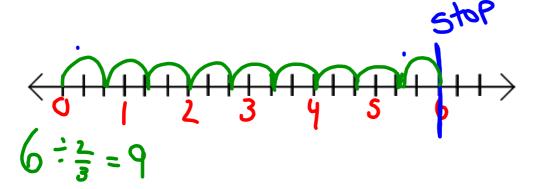
## Using number lines to model

 $6 \div 2$  step 1) Draw a number line and count by the unit fraction of 1 up until 6 3

step 2) Do leaps of 2/3

step 3) Count the leaps

I did 9 full jumps of 3



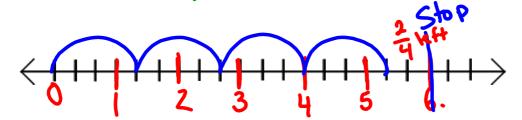
## Using number lines to model

$$6 \div \frac{4}{3}$$
 step 1) Draw a number line and count by the unit fraction of  $\frac{1}{3}$  up until 6

step 2) Do leaps of 4/3

step 3) Count the leaps (Count full jamps => Remain der)

6 - 4 - 42 4 Gill Jamps == 1 kept



but 2 is half of 4

3 3

so only <u>1</u> a jump

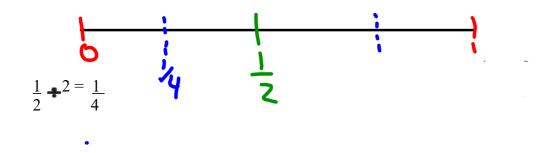
2

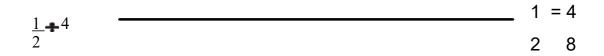
You can also use a number line to show dividing a fraction by a whole number.

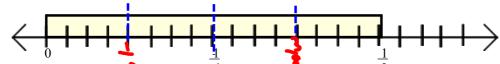
step 1) Mark 0 and 1/2 on the number line

 $\frac{1}{2}$  step 2) Divide into 2 equal place

Think what the whole would be now







The number line is not as clear to most students when doing davision as with some of the other operations.