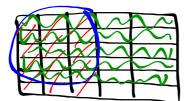
BEFORE Our Quiz

Reduce all answers

1) Use a rectangular box(grid paper) to multiply 3×5 .

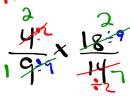


$$\frac{15 + 15}{30 + 15} = \frac{1}{2}$$

2) Multiply and reduce the following

a)
$$\frac{4}{9}$$
 x $\frac{18}{14}$ = $\frac{72}{126}$ = $\frac{126}{12}$

Reduce Lirst



$$= \frac{36 \div 3}{63 \div 3} = \frac{13 \div 3}{21 \div 3}$$

b)
$$3\frac{1}{4} \times 5\frac{1}{2}$$
Change to improve $\frac{13}{4} \times \frac{11}{2}$

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 equally among:

(b) 4 students (a) 2 students (c) 8 students (d) 3 students (e) 6 students 4 of original Answer 6) Answer S S S S Answer S Answer S S Answer S

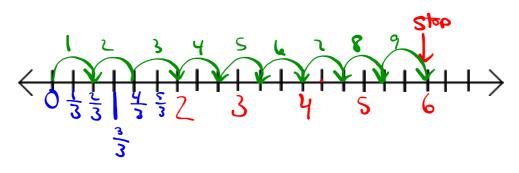
Using number lines to model

6 ÷ 2 3

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

step 2) Do leaps of 2/3

step 3) Count the leaps



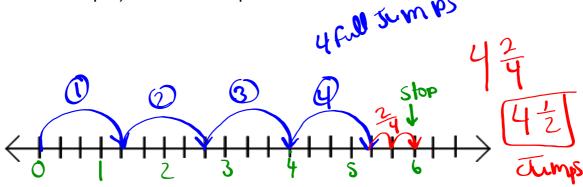
$$6 \div \frac{2}{3} = 9$$

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



but 2 is half of 4

3 3

so only 1 a jump

2

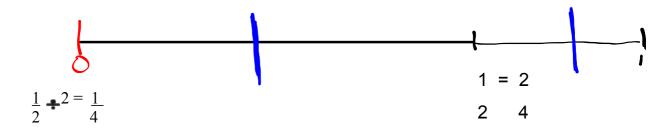
You can also use a number line to show dividing a fraction by a whole number.

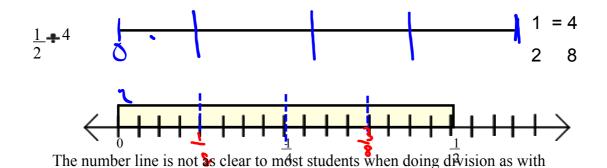
step 1) Mark 0 and 1/2 on the number line

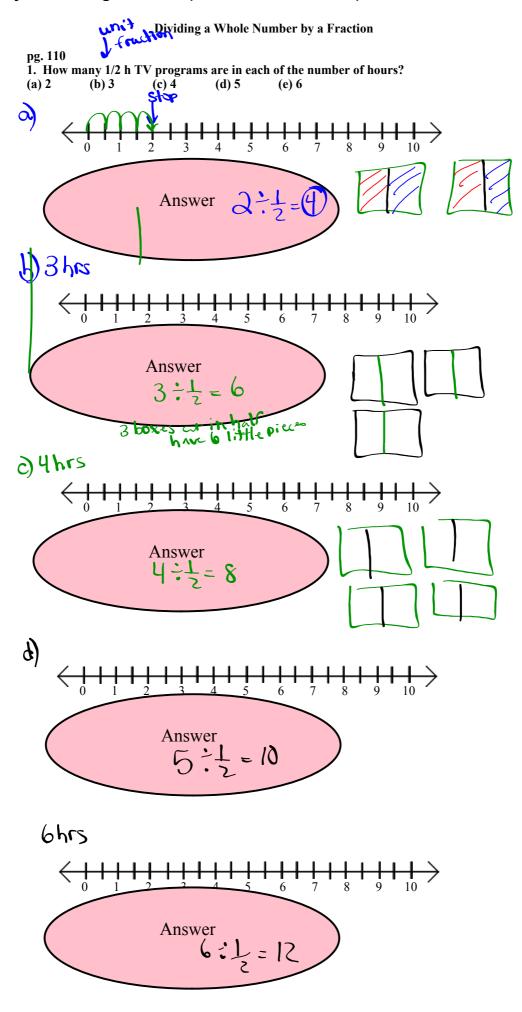
 $\frac{1}{2}$ step 2) Divide into 2 equal place

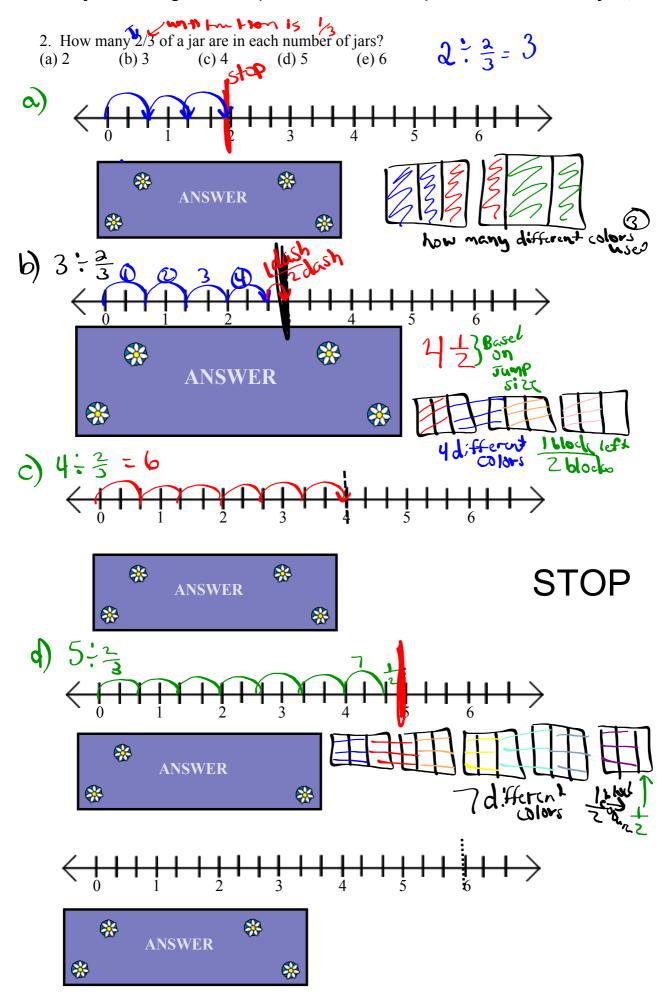
some of the other operations.

Think what the whole would be now



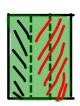




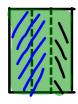


2. How many 2/3 of a jar are in each number of jars? (b) 3 (c) 4(d) 5















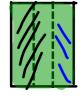


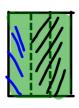


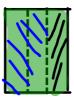


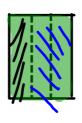










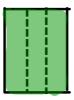


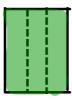


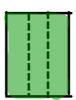


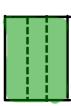






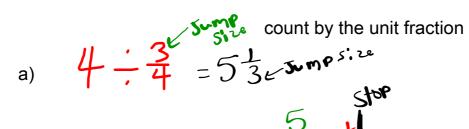


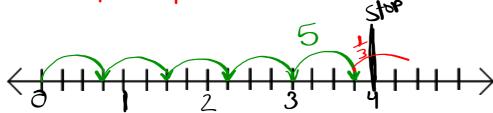


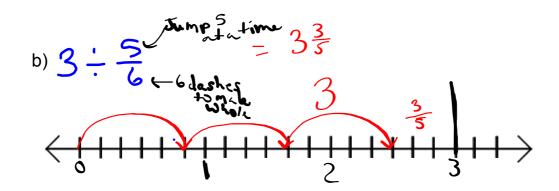


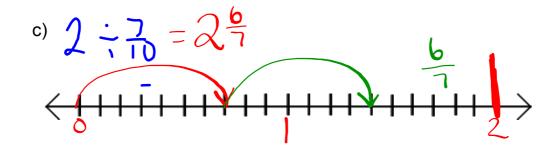


Homework Pallo #3-5 Sheet 4.8#7-10 Write a rule for dividing fractions.









2 <u>+ 1</u>	\Rightarrow	2 x	<u>2</u>	= 4
2	•		1	1

$$4 \div \frac{1}{2} \implies 4 \times \frac{2}{1} = \frac{8}{1}$$

$$\frac{1}{2} \Rightarrow \frac{2}{1}$$

 $\frac{1}{2} \Longrightarrow \frac{2}{1}$

$$3 \div \frac{2}{3} \implies 3 \times \frac{3}{2} = \frac{9}{2}$$

$$\frac{2}{3} \Rightarrow \frac{3}{2}$$

$$5 \div \frac{2}{3}$$
 \implies $5 \times \frac{3}{2} = \frac{15}{2}$

$$\frac{2}{3} \Longrightarrow \frac{3}{2}$$

$${}^2 \div \frac{3}{2} \implies {}^2 \times \frac{2}{3} = \frac{4}{3}$$

$$\frac{3}{2} \Rightarrow \frac{2}{3}$$

$$6 \div \frac{3}{2} \implies 6 \times \frac{2}{3} = 12$$

$$\frac{3}{2} \Rightarrow \frac{2}{3}$$

Hass/Homework

Page 132 # 3 to 8

3 (a d)

4 (4:=) Just moded Answer

(no a,b,cd)

5 Modeld Answer

6 d,f

8 b