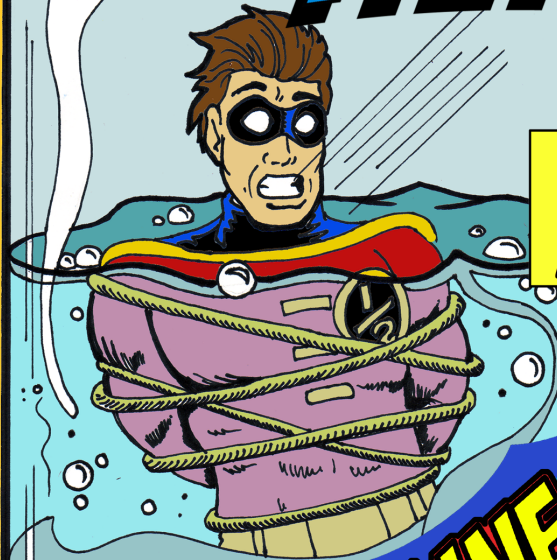


\$3 $\frac{1}{3}$ ISSUE 2

MONROE #1 BOCES COMICS



FRACTION HERO



IN THE
CLUTCHES
OF
CAPTAIN
IRRATIONAL!



NUMBER LINE PERIL!

PLUS!
INTERGALACTIC
OLYMPICS!



THIS ACTION-PACKED
ACTIVITY BOOKLET
BELONGS TO:

YOUR NAME HERE

A MESSAGE
FROM

**FRACTION
HERO**

HEY KIDS!
IT'S TIME
FOR
FRACTION
ACTION!



MY NAME IS FRACTION
HERO, AND I'M HERE TO
HELP YOU LEARN ABOUT
FRACTIONS! WE WILL
HAVE A LOT OF FUN, AND A
LOT OF LAUGHS. SO
DON'T BE AFRAID TO TAKE
A CHANCE ON FRACTIONS!

THIS WORKBOOK IS FOR
YOU TO WRITE IN. MATH
IS EASY WHEN YOU WRITE
OUT IDEAS AND DRAW
LOTS OF PICTURES. IT IS
OKAY TO MAKE MISTAKES,
SO DON'T HOLD BACK!

TOGETHER, WE WILL
DEFEAT EVIL, AND
CONQUER MATH LIKE TRUE
HEROES!

YOUR FRIEND,

Fraction Hero

FRACTION HERO'S AMAZING FRACTION STRIPS!

USE SCISSORS TO CAREFULLY CUT OUT THESE STRIPS. FOLD
THEM AS DIRECTED BY YOUR TEACHER.



CAREFUL
WITH
THOSE
SCISSORS,
KIDS!

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Trading Card Number Line

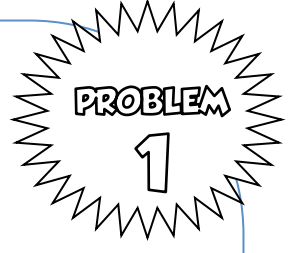
DRAW A NUMBER LINE WITH ENDPOINTS 0 AND 1. THIS NUMBER LINE WILL REPRESENT THE TRADING CARD SET OF 6 CARDS. YOU MAY USE A FRACTION STRIP TO HELP YOU PARTITION THE WHOLE INTO SIXTHS.



A. DRAW AN ARROW POINTING TO THE SPOT ON THE NUMBER LINE TO REPRESENT HAVING 3 CARDS OUT OF THE SIX CARD SET. LABEL THE ARROW "A".

B. DRAW AN ARROW POINTING TO THE SPOT WHERE 5 CARDS WOULD BE. LABEL IT "B"

C. DRAW AN ARROW POINTING TO THE SPOT WHICH SHOWS THE COMPLETE 6 CARD SET. LABEL IT "C."



Clock Number Lines

THESE THREE
NUMBER LINES ALL
REPRESENT THE
SAME HOUR.



Unit fraction: $\frac{1}{4}$

0

1



$\frac{0}{4}$

$\frac{1}{4}$

$\frac{2}{4}$

$\frac{3}{4}$

$\frac{4}{4}$

Unit fraction: $\frac{1}{2}$

0

1



$\frac{0}{2}$

$\frac{1}{2}$

$\frac{2}{2}$

Unit fraction: $\frac{1}{12}$

$\frac{0}{12}$

$\frac{1}{12}$

$\frac{2}{12}$

$\frac{3}{12}$

$\frac{4}{12}$

$\frac{5}{12}$

$\frac{6}{12}$

$\frac{7}{12}$

$\frac{8}{12}$

$\frac{9}{12}$

$\frac{10}{12}$

$\frac{11}{12}$

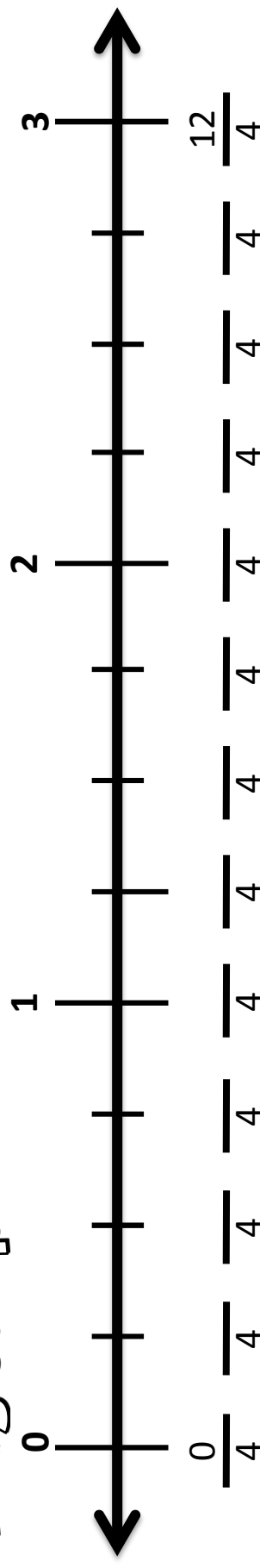
$\frac{12}{12}$



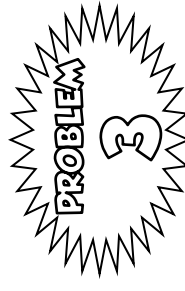
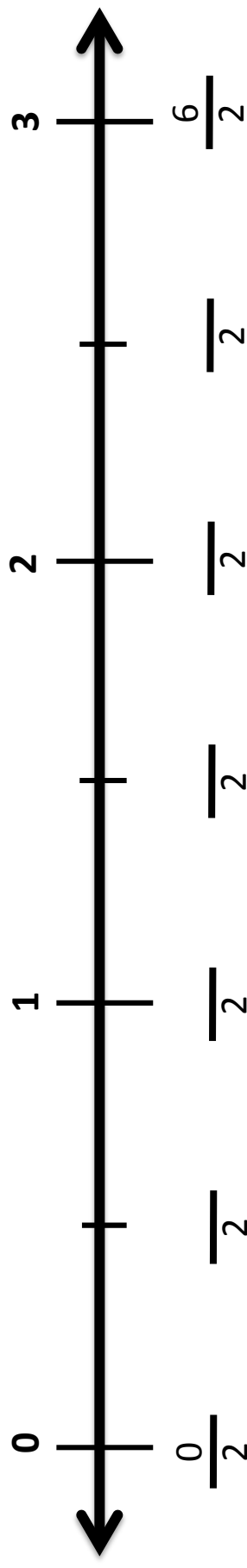
Intergalactic Olympics



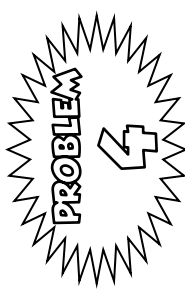
Long Jump



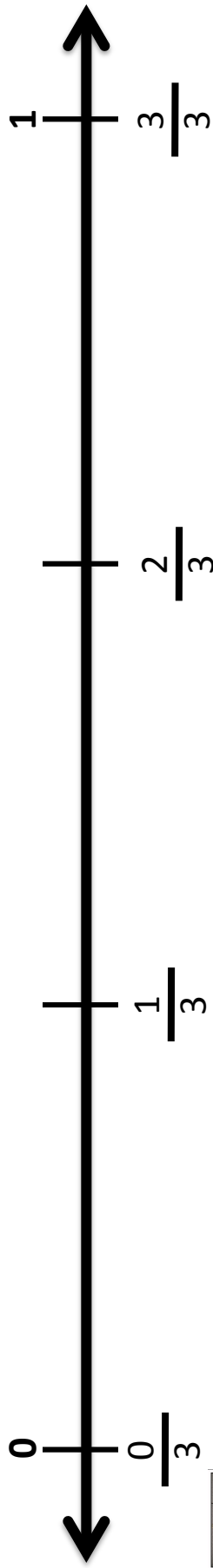
Hammer Throw



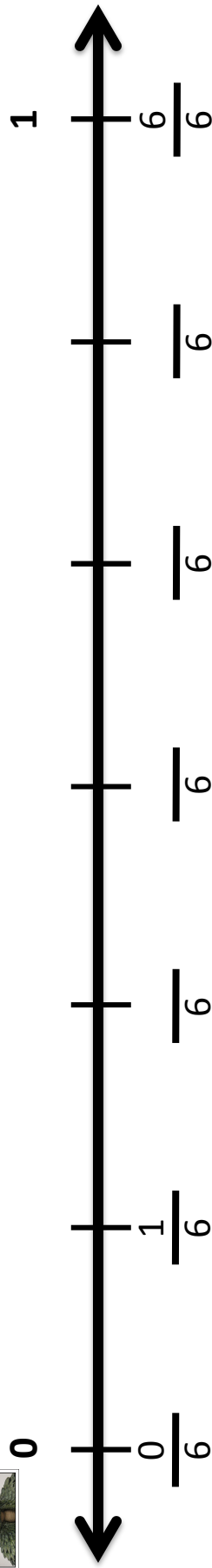
Intergalactic Olympics: Shot Put



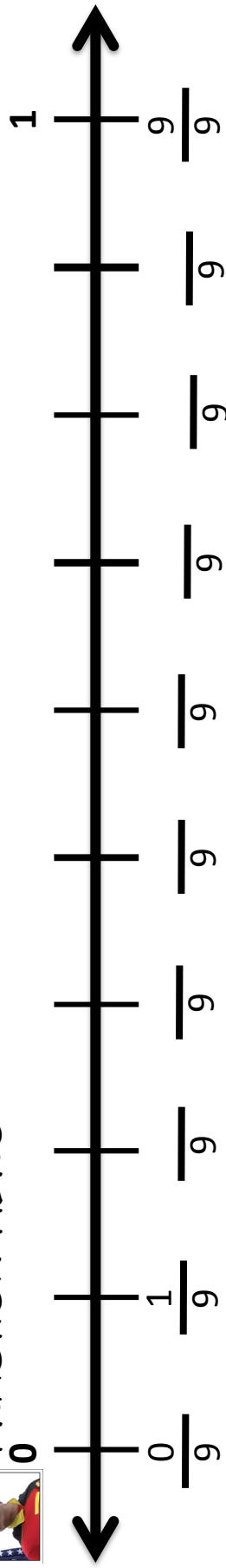
DR. IMPROPER



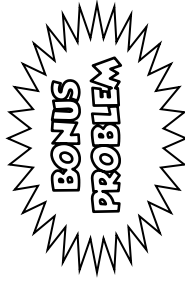
TORG



FRACTION HERO

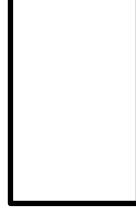


Fraction Hero's Rope

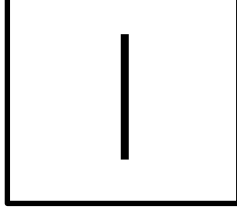


BELOW IS A PICTURE OF FRACTION HERO'S CRIME FIGHTING ROPE. IT HAS 5 KNOTS TIED IN IT, WHICH DIVIDE IT INTO EQUAL SECTIONS OF ROPE.

USE THE PICTURE TO HELP ANSWER THE QUESTIONS AND MAKE A NUMBER LINE.

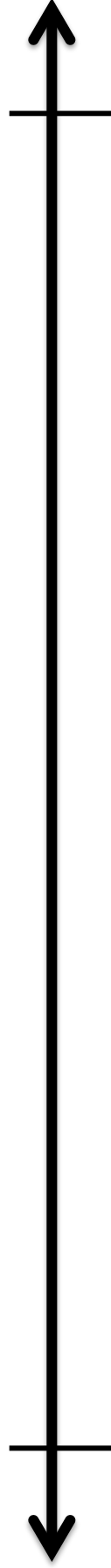


HOW MANY EQUAL PARTS ARE FORMED BY THE 5 KNOTS?



WHAT IS THE UNIT FRACTION THAT DIVIDES THIS ROPE?

STARTING AT ZERO, USE THIS UNIT FRACTION TO LABEL A NUMBER LINE THAT REPRESENTS THE FRACTION ROPE.



MAKE A NUMBER LINE THAT MATCHES THE ROPE. LABEL THE FRACTIONS ON THE NUMBER LINE.

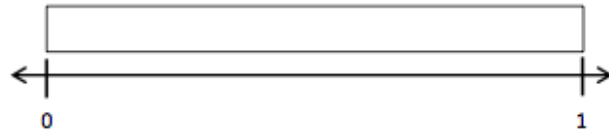
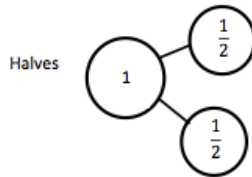
Number Lines

**BONUS
PROBLEM**
For after the
program

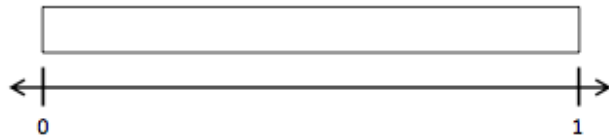


Directions

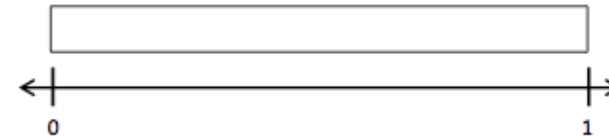
Fraction Hero and the League of Extraordinary Mathematicians are having difficulty dividing up their blueberry pies. Help them by writing the number bonds. Partition the fraction strip to show the unit fraction of the number bond. Use the fraction strip to help you label the unit fractions on the number line. Include 0 unit fractions.



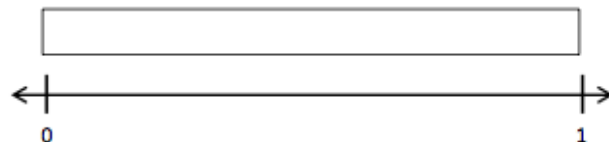
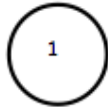
Fourths



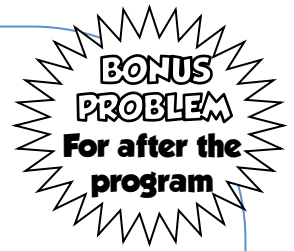
Eighths



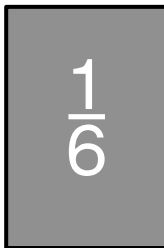
Thirds



Trading Card Set

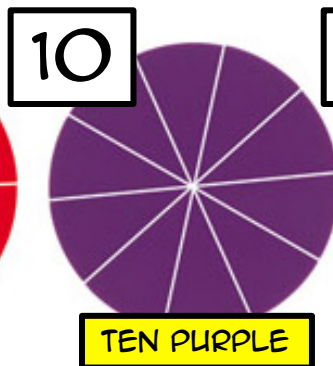
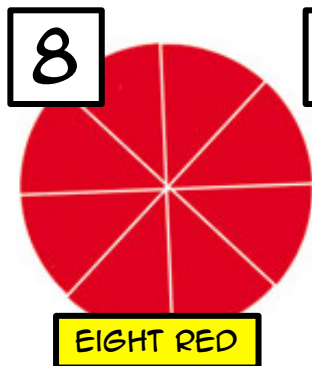
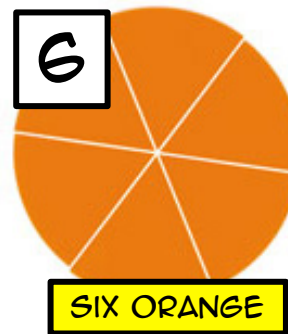
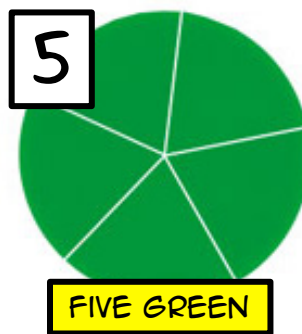
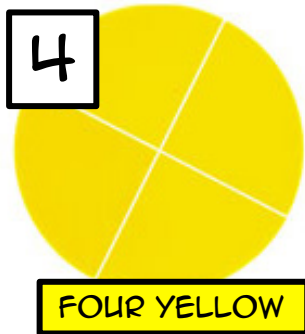
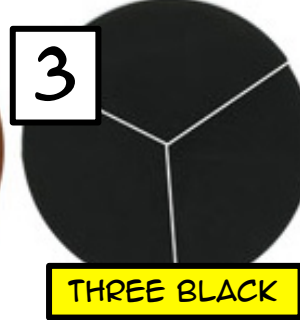


THERE ARE 6 CARDS IN THE SET. DRAW WHAT THE WHOLE SET WOULD LOOK LIKE, IF THE RECTANGLE BELOW REPRESENTS ONE-SIXTH ($\frac{1}{6}$) OF THE SET.



CLEAN UP!

HEY KIDS! THESE KITS SURE ARE NICE! LET'S BE GOOD CITIZENS AND CLEAN THEM UP BEFORE YOUR TEACHER SENDS THEM BACK! PLEASE COUNT UP YOUR TILES AND MAKE SURE YOU HAVE THEM ALL. TELL YOUR TEACHER IF YOU ARE MISSING ANY.



$$1+2+3+4+5+6+8+10+12 =$$

51
TOTAL
PIECES