M4·L2 – Interpret a Fraction as Division

Fluency:

$50 \times 2 = 100$ > Communitive Property of Multiplication
$2 \times 50 = 100$
$25 \times 4 = 100$
$4 \times 25 = 100$
$20 \times 5 = 100$
$5 \times 20 = 100$

$\frac{2}{4} = \frac{1}{2} < \frac{3}{4}$ | $\frac{1}{2} > \frac{3}{8}$ | $\frac{5}{8} > \frac{1}{2}$ | $\frac{5}{8} < \frac{3 \times 2}{4 \times 2} \frac{6}{8}$ | $\frac{3}{4} < \frac{7}{8}$

$8 \div 2 = 4$
$9 \div 2 = 4 \text{ R } 1$

$25 \div 5 = 5$
$27 \div 5 = 5 \text{ R } 2$

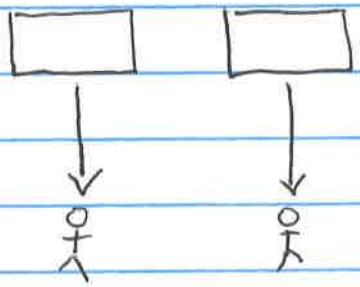
$9 \div 3 = 3$
$10 \div 3 = 3 \text{ R } 1$

$16 \div 4 = 4$
$19 \div 4 = 4 \text{ R } 3$

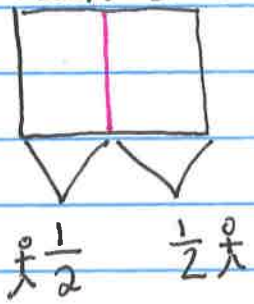
$12 \div 6 = 2$
$11 \div 6 = 1 \text{ R } 5$

M4·L2

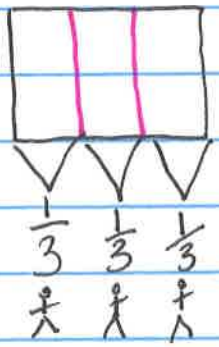
$2 \div 2 = 1$



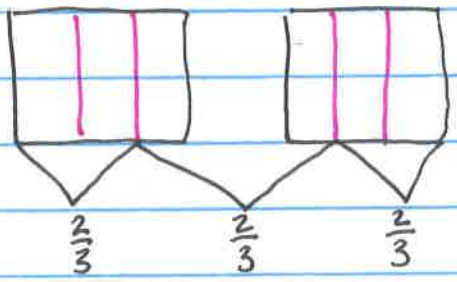
$1 \div 2 = 2 \text{ halves} \div 2 = 1 \text{ half} = \frac{1}{2}$



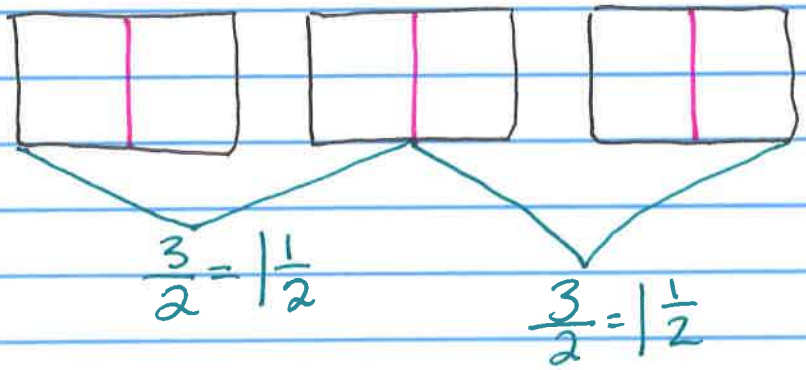
$1 \div 3 = 3 \text{ thirds} \div 3 = 1 \text{ third} = \frac{1}{3}$



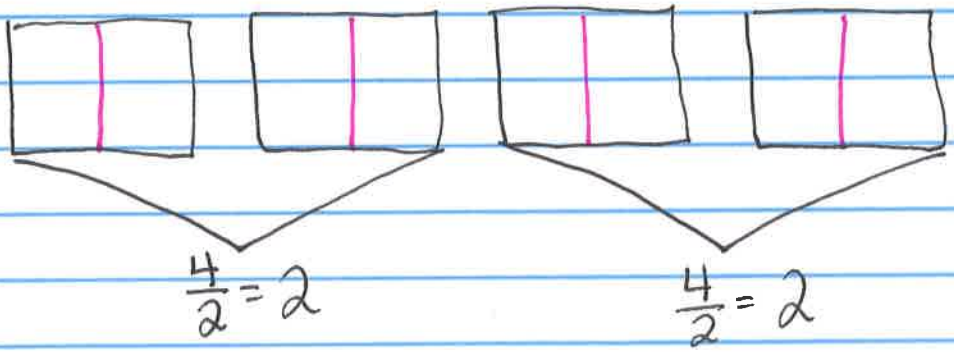
$2 \div 3 = 6 \text{ thirds} \div 3 = 2 \text{ thirds} = \frac{2}{3}$



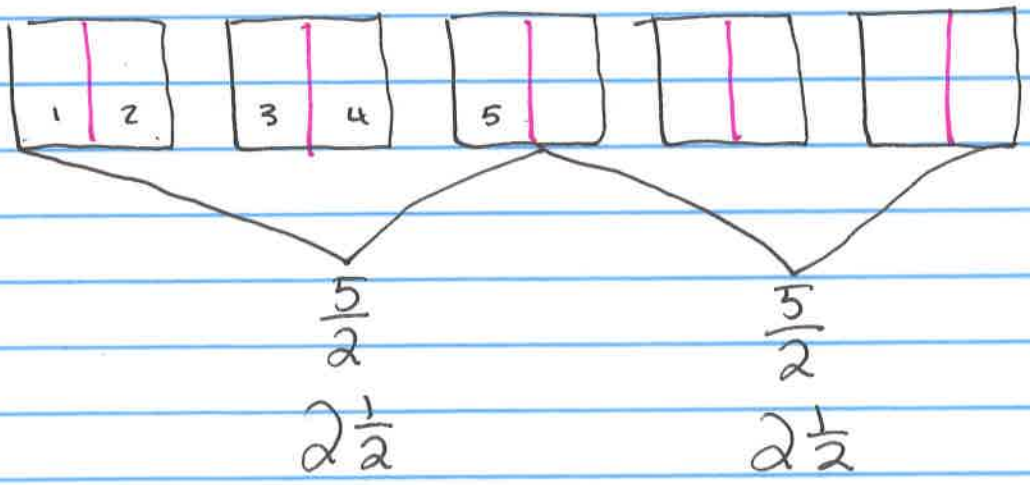
$3 \div 2 = 6 \text{ halves} \div 2 = 3 \text{ halves} = \frac{3}{2}$



$4 \div 2 = 8 \text{ halves} \div 2 = 4 \text{ halves} = \frac{4}{2}$



$5 \div 2 = 10 \text{ halves} \div 2 = 5 \text{ halves} \quad \frac{5}{2}$

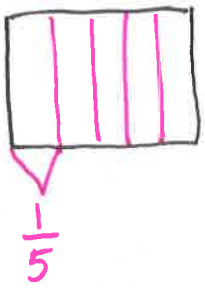


Lesson 2 Problem Set 5•4

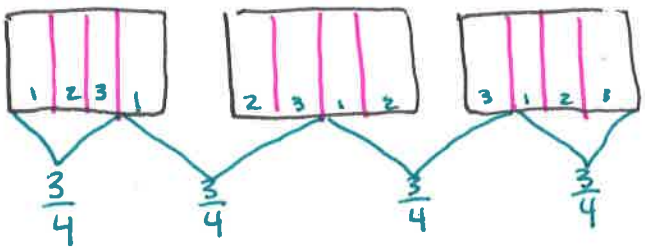
Name _____ Date _____

1. Draw a picture to show the division. Write a division expression using unit form. Then, express your answer as a fraction. The first one is partially done for you.

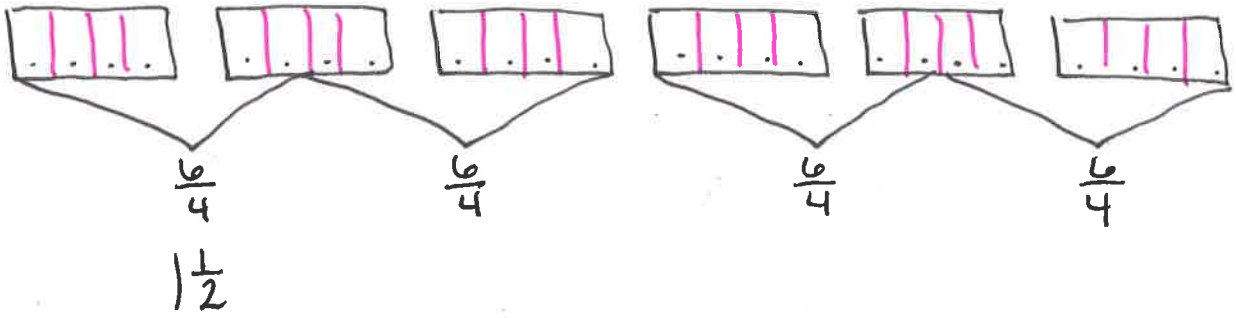
   a. $1 \div 5 = 5$ fifths $\div 5 = 1$ fifth $= \frac{1}{5}$



   b. $3 \div 4$ = 12 fourths $\div$ 4 = 3 fourths = $\frac{3}{4}$



   c. $6 \div 4$ = 24 fourths $\div$ 4 = 6 fourths = $\frac{6}{4}$



4. Fill in the blanks to make true number sentences.

a. $2 \div 3 = \frac{2}{3}$

b. $15 \div 8 = \frac{15}{8}$

c. $11 \div 4 = \frac{11}{4}$

d. $\frac{3}{2} = 3 \div 2$

e. $\frac{9}{13} = 9 \div 13$

f. $1\frac{1}{3} = 4 \div 3$