



Name	Ken
Learning Goal 1.2 - Fractions	()
Practi	CO.

	What I Need to Know	Things to	Practice
	1. Benchmark	Remember 0, 1/2, 1	a. Determine if the following fractions are close to 0, equal to $\frac{1}{2}$, little less than $\frac{1}{2}$ (< $\frac{1}{2}$), little more
	Fractions 10. Ordering Fractions	The bigger the denominator, the small the individual pieces are. Benchmark Fractions are	than $\frac{1}{4} > \frac{3}{4}$, or close to 1: $\frac{1}{3} = \frac{3}{8} = \frac{7}{9} = \frac{5}{6} = \frac{11}{12} = \frac{2}{10} = \frac{9}{10} = \frac{1}{8} = \frac{2}{6} = \frac{6}{11} = \frac{1}{4} = \frac{3}{4} = \frac{4}{9} = \frac{3}{7} = \frac{3}{4} = \frac{3}{6}$ Fig. (2) $\frac{3}{4} = \frac{3}{4} = \frac{3}{4}$
		helpful!	a. Order from least to greatest: 4
			岩岩岩岩
	2. Converting Between		a. Convert to improper fractions: b. Convert to mixed numbers:
	Improper and Mixed Numbers	1 4 4	$1\frac{3}{8}$ $\frac{1}{8}$ $7\frac{3}{4}$ $\frac{31}{4}$ $\frac{27}{8}$ $3\frac{3}{8}$ $\frac{13}{5}$ $3\frac{3}{5}$
)	3. Operations with Fractions	Add & Subtract: Common Denominators Multiply: Multiply numerators & denominators	a. Add or Subtract: $ \frac{3}{5} - \frac{1}{3} = \frac{1}{2} \times \frac{4}{5} = \frac{4}{10} = \frac{2}{25} $ b. Multiply or Divide: $ \frac{1}{2} \times \frac{4}{5} = \frac{4}{10} = \frac{2}{25} $
		Divide: Multiply by the reciprocal (complex fractions)	$\frac{3}{5} + \frac{1}{4} = 12 + 5 = 17$ $1 \frac{1}{3} \times \frac{3}{8} = 12$
			$2\frac{2}{3} - \frac{1}{4} = \frac{8}{3} - \frac{1}{4}$ $2\frac{2}{5} \div \frac{1}{6} = \frac{2}{5} \div \frac{1}{6} = \frac{1}{5} \div \frac{1}{6} = \frac{2}{5} \div \frac{1}{6} = $
		a.	$\frac{32}{12} - \frac{3}{12} = \frac{29}{12}$ $\frac{2}{3} \times \frac{6}{1} = \frac{12}{5}$
	24 85 36 ×3 40 295 72 41	126 X7 138	$12\frac{1}{7} - 8\frac{2}{3} = \frac{84}{7} - \frac{26}{3}$ $\frac{255}{21} - \frac{162}{21} = \frac{73}{21}$ $\frac{34}{5} \times \frac{2}{1} = \frac{68}{5}$

5. Operations		a. A stack of board is 21 inches high. Each	b DI Cabo is going to serve 1 of a whole pizza
with Fractions (Word		board is $1\frac{3}{4}$ inches thick. How many boards	b. DJ Gabe is going to serve $\frac{1}{3}$ of a whole pizza
Problems)		are there?	to each guest at his party. If he expects 24 guests, how many pizzas will he need?
		21:3	24 x 3 = 3 = 8 P12
		321 x 4 = 12=12	= × 1 = .
. Decimals			
on a Number line	ber	c. $3\frac{1}{3}$ feet are cut off a board that is $12\frac{1}{4}$ feet long. How long is the remaining part of the board?	d. $\frac{3}{8}$ of the corn in the US is grown in lowa. $\frac{1}{4}$ of it is grown is Nebraska. How much of the corn supply is grown in the two states?
		124 - 33	3 + 4 = 3 + 2 = 5 8
4. Using Visuals to olve Problems.		a. Draw a picture to solve the following: Out of the cookies are chocolate chip?	18 cookies, $\frac{2}{3}$ are chocolate chip. How many of
		18 = 6 6 1 Choc. chi	6 6
		and the same of th	cookies
		b. The New York Rangers hockey team won $\frac{3}{4}$ of how many games did they play in the entire sea	of their games last season. If they lost 21 games,
	gar.	21 21	21 21
		10st 63 gar	win •
		33 94	mes won