

Name _____

Review

Look at the example and then complete each question

1-2 Adding and Subtracting Like Fractions

1) $\frac{1}{8} + \frac{2}{8} = \frac{3}{8}$

$\frac{1}{8} + \frac{2}{8} =$

2) $\frac{3}{10} - \frac{2}{10} = \frac{1}{10}$

$\frac{9}{10} - \frac{2}{10} =$

3-4 Multiplying and Dividing Fractions

3) $\frac{3}{8} \times \frac{11}{9} = \frac{44}{45}$

$\frac{3}{8} \times \frac{9}{5} =$

4) $\frac{9}{13} \div \frac{4}{5} = \frac{45}{52}$

$\frac{3}{11} \times \frac{9}{10} =$

5-6 Improper Fractions and Mixed Numbers

5) $2\frac{3}{9} = \frac{21}{9}$

$3\frac{2}{5} =$

6) $\frac{13}{5} = 2\frac{3}{5}$

$\frac{32}{5} =$

7-8 Simplifying Fractions

7) $\frac{3}{9} = \frac{1}{3}$

$\frac{4}{10} =$

8) $\frac{4}{100} = \frac{1}{25}$

$\frac{15}{120} =$

9-10 Adding and Subtracting Mixed Numbers with like denominators

9) $1\frac{2}{5} + 3\frac{1}{5} = 4\frac{3}{5}$

$15\frac{4}{7} + 13\frac{1}{7} =$

10) $5\frac{4}{5} - 2\frac{1}{5} = 3\frac{3}{5}$

$14\frac{9}{10} - 10\frac{8}{10} =$

11-12 Multiplying and Dividing Mixed Numbers leaving them Improper

11) $2\frac{3}{4} \times 4\frac{2}{8}$ is = (turn to improper then multiply) $\frac{11}{4} \times \frac{34}{8} = \frac{374}{32}$

$6\frac{2}{5} \times 4\frac{9}{10} =$

12) $3\frac{4}{6} \div 2\frac{1}{12}$ is = $\frac{22}{6} \times \frac{25}{12} = \frac{264}{60}$

Remember **Division** in Fractions turn into multiplication

$$2 \frac{1}{2} \div 2 \frac{3}{4} =$$

13 Fractions with Whole Numbers

How do you write a whole number as a fraction? Try it with the number 6. $\frac{6}{1}$

13) $8 \times \frac{2}{4} = \frac{16}{4}$ as improper and 4 as a whole number

$$9 \times \frac{2}{9} =$$

14 Least Common Multiple

14) The least common multiple of 4 and 16. List multiples of both until you find the least

4: 4, 8, 12, 16

16: 16

answer is 16

Find LCM of 11 and 56

11

56

15-16 Renaming an **UNLIKE** Fraction's Denominator

IMPORTANT: (Remember this rule **ONLY** applies to **addition and subtraction**).

15) $\frac{1}{8} + \frac{3}{24} =$

/ + /

16) $\frac{4}{32} - \frac{3}{4} =$

/ - /

17-20 Decimal, Fraction to Percent

17) 0.3	$\frac{3}{10}$	30%	Now try with 0.7	Fraction	Percent
18) 8.5	$\frac{85}{10}$	850%	Now try 1.7	Fraction	Percent
19) 0.04	$\frac{4}{100}$	4%	Now try 0.02	Fraction	Percent
20) 1.35	$\frac{135}{100}$	135%	Now try 1.75	Fraction	Percent

Remember when turning a decimal into a fraction you simplify the fraction when possible
And leave it as an improper fraction if it is. They will not always need simplified or improper

Examples: 0.3 $\frac{3}{10}$ (in simplest form already)

1.25 $\frac{125}{100}$ simplified $\frac{5}{4}$

0.72/100 simplified $\frac{18}{25}$

1.5 $\frac{150}{100}$ simplified $\frac{15}{10}$