

Name _____

Review

Look at the example and then complete each question

1-2 Adding and Subtracting Like Fractions

1) $\frac{1}{5} + \frac{2}{5} = \frac{3}{5}$ $\frac{1}{8} + \frac{2}{8} =$

2) $\frac{3}{5} - \frac{2}{5} = \frac{1}{5}$ $\frac{9}{10} - \frac{2}{10} =$

3-4 Multiplying and Dividing Fractions

3) $\frac{1}{2} \times \frac{11}{9} = \frac{11}{18}$ $\frac{3}{8} \times \frac{9}{5} =$

4) $\frac{9}{13} \div \frac{3}{5} = \frac{45}{52}$ $\frac{3}{11} \times \frac{9}{10} =$

5-6 Improper Fractions and Mixed Numbers

5) $2 \frac{3}{9} = \frac{21}{9}$ $3 \frac{1}{2} =$

6) $13 \frac{1}{5} = 2 \frac{3}{5}$ $3 \frac{2}{5} =$

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) $1 \frac{1}{7} + 3 \frac{1}{7} = 4 \frac{2}{7}$ $15 \frac{4}{7} + 13 \frac{1}{7} =$

10) $5 \frac{1}{10} - 2 \frac{1}{10} = 3 \frac{1}{10}$ $14 \frac{9}{10} - 10 \frac{8}{10} =$

11-12 Multiplying and Dividing Mixed Numbers leaving them Improper

11) $2 \frac{1}{4} \times 4 \frac{2}{8}$ is = (turn to improper then multiply) $\frac{9}{4} \times \frac{34}{8} = \frac{37}{32}$

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

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. 6/

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

$$9 \times 2/9 =$$

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**).

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

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

17-20 Decimal, Fraction to Percent

17) 0.3	3/10	30%	Now try with 0.7	Fraction	Percent
18) 8.5	85/10	850%	Now try 1.7	Fraction	Percent
19) 0.04	4/100	4%	Now try 0.02	Fraction	Percent
20) 1.35	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 **3/10** (in simplest form already)

0.72/100 simplified **18/25**

1.25 **125/100** simplified **5/4**

1.5 **150/10** simplified **15/10**