

# MATH 115

## Due Date: \_\_\_\_\_ *Fraction Practice Problems*

Simplifying Fractions To Their Lowest Term					
1	$\frac{8}{20} =$	2	$\frac{15}{40} =$	3	$\frac{24}{72} =$
4	$\frac{18}{225} =$	5	$\frac{90}{135} =$	6	$\frac{81000}{540000} =$
Convert to Improper Fraction					
7	$5 \frac{10}{12}$	8	$10 \frac{8}{20}$	9	$7 \frac{63}{81}$
Multiplying Singed Fractions - Simplify your final answer					
10	$\frac{1}{9} \times \frac{11}{6}$	11	$\frac{5}{3} \times \frac{5}{4}$	12	$\frac{4}{3} \times \frac{12}{7}$
13	$16 \times \frac{10}{24}$	14	$2 \frac{5}{18} \times \frac{6}{15}$	15	$1 \frac{15}{45} \times \frac{45}{60}$

Dividing Singed Fractions - Simplify your final answer

16	$\frac{1}{9} \div \frac{11}{6}$	17	$\frac{5}{3} \div \frac{5}{7}$	18	$\frac{4}{3} \div \frac{2}{4}$
19	$2\frac{7}{8} \div 69$	20	$3\frac{1}{3} \div \frac{6}{27}$	21	$1\frac{26}{28} \div 4\frac{18}{54} =$

Adding / Subtracting Fractions - Simplify your final answer

22	$\frac{1}{4} + \frac{3}{4} =$	23	$\frac{40}{24} - \frac{4}{3}$	24	$1\frac{15}{45} + \frac{45}{60}$
25	$2\frac{5}{8} - 1\frac{12}{36} + \frac{7}{24}$	26	$1\frac{15}{60} + 2\frac{12}{15} - \frac{3}{12}$	27	$\frac{5}{21} - 1\frac{26}{28} + 4\frac{18}{54}$

Perform Combined Operations on Fractions. Simplify your final answer

28

$$\left(4 - \frac{1}{3}\right) \div \frac{4}{5}$$

29

$$\frac{2}{5} + \frac{5}{4} \div 2$$

30

$$\frac{\left(\frac{4}{3}\right) + 2}{2 \cdot \left(\frac{2}{5}\right)}$$

31

$$\frac{\left(1\frac{4}{5}\right)\left(3\frac{1}{2}\right)}{2\frac{3}{4} + 3\frac{5}{6}}$$

32

$$\frac{\left(2\frac{4}{5} + 6\frac{1}{4}\right) - 3\frac{5}{6}}{\left(1\frac{3}{6} - \frac{1}{2}\right)\frac{5}{12} + 3}$$

## Answers

1 $\frac{2}{5}$	2 $\frac{3}{8}$	3 $\frac{1}{3}$	4 $\frac{2}{25}$	5 $\frac{2}{3}$	6 $\frac{3}{20}$	7 $\frac{35}{6}$	8 $\frac{52}{5}$
9 $\frac{70}{9}$	10 $\frac{11}{54}$	11 $2\frac{1}{12}$	12 $2\frac{2}{7}$	13 $6\frac{2}{3}$	14 $\frac{41}{45}$	15 1	16 $\frac{2}{33}$
17 $2\frac{1}{3}$	18 $2\frac{2}{3}$	19 $\frac{1}{24}$	20 15	21 $\frac{81}{182}$	22 1	23 $\frac{1}{3}$	24 $2\frac{1}{12}$
25 $1\frac{7}{12}$	26 $3\frac{4}{5}$	27 $2\frac{9}{14}$	28 $4\frac{7}{12}$	29 $1\frac{1}{40}$	30 $4\frac{1}{6}$	31 $\frac{378}{395}$	32 $1\frac{108}{205}$