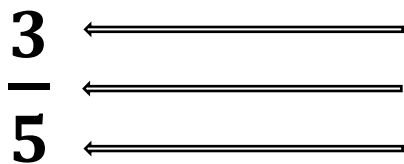


FRACTION CITY (FB)

1) Label the three parts of the common fraction shown below:



2) Using different numbers, list three equivalent fractions for each of the fractions listed:

$1/4 =$ / , / , /

$2/3 =$ / , / , /

$6/5 =$ / , / , /

3) In the list of fractions below, circle those that are in simplest form; rename in simplest form those that are not:

$5/6$ $2/8$ $10/12$

$3/9$ $2/10$ $8/4$

$7/14$ $4/16$ $11/20$

4) Solve the following proportions (by making equivalent fractions):

- a) $A/2 = 36/6$
- b) $7/B = 10/30$
- c) $18/3 = C/5$
- d) $4/28 = 1/D$

5) Evaluate the problems below:

- a) What is $1/5$ of 15?
- b) 8 is $1/3$ of what?
- c) What fractional part of 20 is 4?
- d) Find $2/3$ of 18.
- e) 7 is $1/7$ of what value?
- f) 15 is what fractional part of 21?

6) Fill in the chart below

fraction	decimal	percent
$3/5$		
	0.1	
		50%
$1/4$		
	0.75	
		$66\frac{2}{3}\%$

7) Compare using $<$, $>$, $=$

$3/4$ _____ $3/8$
 $4/10$ _____ $2/5$
 $1/4$ _____ $5/20$
 $1/3$ _____ $5/10$
 $8/7$ _____ $2/1$

8) What fractional part of each shape below is shaded?



9) Arrange in decreasing order:

$4/4, 2/3, 1/7, 0/12, 7/5$

10) Add:

- a) $4 + 3\frac{1}{4} + \frac{3}{4} =$
- b) $1/5 + 6/5 + 4/10 =$
- c) $8\frac{2}{3} + 4\frac{7}{8} + 5\frac{1}{2} =$
- d) $2/5 + 7/10 + 1/2 + 9/10 =$

11) Subtract:

- a) $2 - 1/5 =$
- b) $5\frac{3}{10} - \frac{4}{5} =$
- c) $2\frac{1}{2} - 1\frac{5}{12} =$
- d) $9\frac{2}{7} - 3 =$

12) Multiply:

- a) $2/3 \times 3/4 \times 4/5 \times 7/7 =$
- b) $8\frac{2}{3} \times 0/25 \times 7/8 =$
- c) $3\frac{1}{2} \times 3\frac{1}{2} =$
- d) $35 \times \frac{4}{5} =$

Name _____

13) Divide:

- a) $3 \div \frac{1}{5} =$
- b) $\frac{1}{6} \div \frac{2}{3} =$
- c) $3\frac{2}{7} \div \frac{1}{7} =$
- d) $5 \div 2\frac{1}{2} =$

14) How much greater is $4/5$ of 20 than $1/3$ of 30?

15) How much less is $2\frac{1}{2}$ times 2 than $3/4$ of 12?

16) What is the probability of choosing a vowel from the word numerator when a single letter is selected at random?

17) Using a fair cubical die, what is the probability of rolling a number greater than 5 on your next roll?

18) On the number line, what value is $1/4$ of the distance from 3 to 11?

19) Find the average (mean) of :

$2\frac{2}{5}, 8\frac{3}{5}, 4$

20) Optional local question