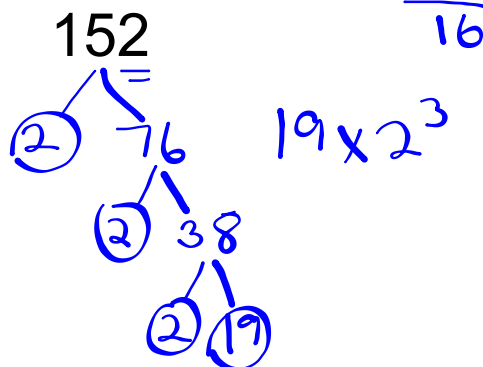
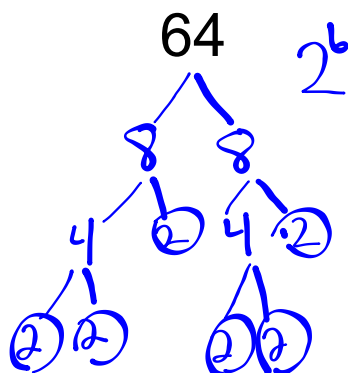


Warm up

back of p. 35

Express the prime factorization of each number in exponential form.



$$\begin{array}{r} 38 \\ 2 \overline{) 76} \\ \underline{76} \\ 0 \\ 16 \end{array}$$

Find the GCF and LCM of each number.

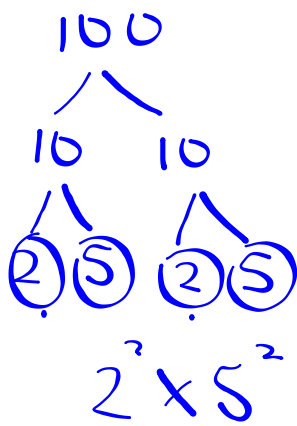
8 | 56, 72
7, 9

GCF = 8
LCM = $8 \times 7 \times 9$
504

6 | 24, 36
2 | 4, 6
2, 3

GCF = 12
LCM = 72

$$\begin{array}{r} 556 \\ \times 9 \\ \hline 504 \end{array}$$



4, 20, 45
1 2 4
20 40 60
45 90 135

①

3, 5, 6
6 10 12
9 15 18
12 20 24
25
30 30 30

GCF/LCM Word Problems

1. Rebecca has 20 table tennis balls and 16 table tennis paddles. She wants to sell packages of balls and paddles bundled together. What is the greatest number of packages she can sell with no leftover balls or paddles?

$$GCF = 4$$

2. Mr. Nicolet wants to organize equal-sized groups of boys and girls for tumbling exercise. If there are 12 boys and 18 girls and each group is all boys or all girls, what is the largest size group he can organize?

$$GCF = 6$$

3. A scouting troop has three boards of lengths 14 feet, 28 feet, and 21 feet. If the boards must be cut to produce equal-sized pieces, what is the longest piece that can be cut with no waste?

$$7$$

GCF/LCM Word Problems

1. Rebecca has 20 table tennis balls and 16 table tennis paddles. She wants to sell packages of balls and paddles bundled together. What is the greatest number of packages she can sell with no leftover balls or paddles?

2. Mr. Nicolet wants to organize equal-sized groups of boys and girls for tumbling exercise. If there are 12 boys and 18 girls and each group is all boys or all girls, what is the largest size group he can organize?

3. A scouting troop has three boards of lengths 14 feet, 28 feet, and 21 feet. If the boards must be cut to produce equal-sized pieces, what is the longest piece that can be cut with no waste?

15, 30, 20
30 60 40
45 60
60

Quiz

Follow the directions in Google Classroom for Fraction, Decimal, Percent Lesson

Lancer Bell options:

Finish Homework

Test Corrections

Genius Hour

IXL 6th grade E.1, E.2 scientific notation

homework

CONVERTING

Fractions-Decimals-Percents

FRACTION	DECIMAL	PERCENT
$\frac{9}{16}$		
		84%

Divide the numerator by the denominator.
 Move the decimal to the RIGHT two places.
 READ IT, WRITE IT, REDUCE IT!
 Move the decimal to the LEFT two places.

****REPEATERS**** Decimals with a repeating digit can be written with a bar to show the repetition. The denominator for these fractions is always _____!**

PRACTICE! Complete the chart below.

FRACTION	DECIMAL	PERCENT
$\frac{9}{20}$		
		5%
	0.26	
$\frac{11}{28}$		
		38%
$1\frac{1}{9}$		
	0.7	
$\frac{4}{5}$		
		96%
	1.48	
		55.5%
	$2.\bar{3}$	

