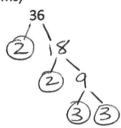
20,40,60 [60 seconds] 5 [20 15 15,30,45,60 OP 4 3 20.3 160 sec

5. The school has 72 pencils and 54 erasers that they are putting into boxes. What is	
the greatest number of boxes there could be if there are the same amount of pencils	
and erasers in each box? GCF	2/72 54
	29 36 27
18 ROXES 72: 1,2,3,4,6,8,9,12,18,34,36,	12-3/12-9
18 BOXES 72: 1,2,3,4,6,8,9,12(18),24,36,	2.3.3
54:1,236,908,27,54	2.3.3
	W. BCX7
6. Find the least common multiple (LCM) of the following pairs:	[18] DONG
a) 24 and 36	
24:24,48,72-) CR 212 18	2.3.2.2.3
a) 24 and 36 24: 24, 48, 72 36: 36(72) 108 CR 2 24 36 214 6	74.3
2- 3	1721
b) 20 and 25	
b) 20 and 25 20: 20, 40, 00, 80, 100 5/20 25 25: 25, 50, 75 (100) 5.4.5	
25.25 50.75 (100) = 5.4.5	
20.5	
c) 42 and 14	2.7.3-1
c) 42 and 14 $42^{2} \cdot 42$ $0R 2 42$ $7 12 1$	14.31
14:14.28(42)	421
	142
7. Find the greatest common factor (GCF) of the following pairs:	35
a) 18 and 30	3.2-1
a) 18 and 30 18: 1,2,3,69,18 DP 216	30 3.2-16
3	.3
30:1,2,3,5,0,10,15,30	
b) 49 and 14 49:1, 949 DR 7 2	
49:1, U41 OB 7 2	
14: (2014	
190120	64 2.2.2.2.
a) 18 and 30 $18 : 1, 2, 3, 6, 9, 18$ b) 49 and 14 $49 : 1, 7, 49$ c) 32 and 64 $32 : 1, 2, 4, 8, 16, 32$ $32 : 1, 2, 4, 8, 16, 32$ $32 : 1, 2, 4, 8, 16, 32$ $32 : 1, 2, 4, 8, 16, 32$	32 4.4.2
2/10	16.2
642124,8,16(32)64 218	16 32
	9

A. Write the prime factorization of the following numbers:

(in BOTH expanded & exponential forms)

1)



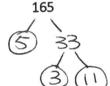
2.2.3.3

Expanded form

1.00

2²-3² Exponential form

2)



5.3.11

Expanded form

3)

5.3.11

Exponential form

292 2 146 2 73

2.2.73

Expanded form

2.73

Exponential form

Extra credit-Questions what is Mrs.B's favorite thing to do in the Fall?

B. Identify which form the expression is of the distributive property, write the other form and show that they are equivalent for the following problems:

1) Form: Factored Expanded
$$\frac{2(6+5)}{2(11)} = \frac{2(6) + 2(5)}{12 + 10}$$

$$\frac{22}{22} = \frac{22}{22}$$
Equivalent!

ns to simplify the following expressions:

D. Write an expression to solve the word problem and solve the problem:

Ms. Barbalaco is planning a class trip to Six Flags Frightfest. It costs \$14 per student. She is going to bring 12 students from one class and 16 from another class. What is the total cost of the trip for the Ms. Barbalaco for bringing all the students?

