Nov 22/16 Math Quiz: Practice Questions

1. What is/are the common factor(s) of 44, 36, 28, 400?
2. Which ones are the common multiples of 3 & 5 ? 15, 35, 60, 85, 75, 90?
3. What is a composite number?
4. What is a prime number?
5. Label quotient, divisor, dividend and remainder:

 4 R1

 3/13

1. What is a factor in this expression? 3 x 7 = 21
2. What is the product in this expression? 12 x 2 = 24
3. Which one is an improper fraction?: 2/12, 45/ 5, 3/16, 300/400
4. Which one is a mixed fraction 5 7/10, 57, 3/8, 7/12
5. What is an equivalent decimal to 7/10? 55/100? 456/1000?
6. What is an equivalent decimal to ¼?
7. What percentage is 0.33? 0.07? 0.12?
8. What is the equivalent fraction to 9.01? 13.46?
9. Please put these numbers on a number line: 77% , 17.07, 0.07, 0.777, 77
10. Multiply using place value method 86.75 x 7
11. Multiply using your method 99.42 x 12

*Answers:*

1. *2 and 4*
2. *15, 35, 75, 90*
3. *A number that has MORE than two factors*
4. *A number that is only divisible by 1 and itself*
5. *Quotient is 4, divisor is 3, dividend is 13 remainder is 1*
6. *3 and 7 are both factors*
7. *24 is the product*
8. *45/5 is an improper fraction*
9. *5 7/10 is a mixed fraction*
10. *0.7, 0.55, 0.456*
11. *0.25*
12. *33%, 7%, 12%*
13. *9 1/100, 13 46/100 or 13 23/50*
14. *0.07, 0.77, 0.777 17.07 , 77*
15. *86.75*

*x 7*

 *0.35*

 *4.90*

 *42.00*

 *+560.00*

*607.25*

1. *1193.04*