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| **1**. Choose the number that is prime.  52 35 87 67 | **6**. Write $\frac{13}{4}$ as a mixed number.  |
| **2**. What is the prime factorization of 36? | **7**. You have 36 blue marbles and 54 green marbles. You want to separate them into packages of the same size, each containing all blue or all green marbles. What is the largest number of marbles you can put in each bag? Hint: (GCF) |
| **3**. Which pair of numbers does not have any common factors other than 1?1. 12 and 72
2. 42 and 59
 | **8**. Choose the number that is not a multiple of 15:1. 30 b.45

 c. 85 d. 90 |
| **4**. Which is $\frac{12 }{25}$closer to : 0, ½, or 1?  | **9.** What is the GCF of 6 and 48 in $\frac{6}{48}$ ? |
| **5.** Choose the fraction that is in lowest terms.   $\frac{2}{12} \frac{5}{15} \frac{3}{5} \frac{ 9}{27}$ | **10**. Choose the equivalent fractions:6, 18 , 14 8 24 45 3 , 18, 21 9 54 6 3  |

**Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Show all work.**

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| **11**. Which number rounds to 9?  7$\frac{10}{35}$ 7$\frac{15}{20}$ 9$\frac{7}{12}$ 8$\frac{12}{17}$ | **16.** Solve in lowest terms.There are 35 members in the choir. Ten of them are boys. What fractional part of the choir is girls? |
| **12**. What is the LCM of 6, 8? | **17**. What composite number can be written as $3^{2}$ x 2? |
| **13.** What is the GCF of 8 and 12? | **18**. Order from least to greatest: 2$\frac{7}{10}$ , 2$\frac{4}{5}$ , 2 $\frac{5}{8}$ |
| **14**. What is the LCD of :  $\frac{1}{2}$ , $\frac{3}{4}$ , $\frac{7}{10}$ | **19**. Choose the composite number.   25 31 47 53 |
| **15**. Choose the number is read six and three fifths.6$\frac{3}{6}$ 7$\frac{5}{8}$ 6$\frac{3}{5 }$ 7$\frac{3}{5}$ | **20**. What fraction does $\frac{33}{100}$ round to? $$\frac{1}{2} \frac{1}{3} \frac{3}{4}$$ |