

Worksheet of the Week

November 14 – 18, 2016

- Find the common factors of 12 and 30.
- Cristian traveled on his bicycle for 5 days. For 3 days he traveled 15 miles, and the other days he traveled 18 miles. Which equation could be used to find the total miles he traveled in the five days?
 - $(5 \times 3) + (15 \times 18) = \text{miles}$
 - $5 + 3 + 15 + 18 = \text{miles}$
 - $(15 + 18) \times 2 = \text{miles}$
 - $(3 \times 15) + (2 \times 18) = \text{miles}$
- Taner and Darren went to the movies. Darren spent \$0.85 for a soft drink and \$0.55 for a candy bar. Taner spent \$0.95 for a large lemonade. Darren gave the clerk \$5 for his refreshments. Which method could be used to determine how much change Darren received?
 - Add \$0.55, \$0.85, and \$0.95 and then multiply the sum by \$5
 - Add \$0.85, \$0.55, and \$0.95, and subtract the sum from \$5
 - Add \$0.85 and \$0.55, and subtract the sum from \$5
 - Subtract \$5 from the sum of \$0.85 and \$0.55
- Matthew had a jar of pennies to give to the student council fundraiser. To count the pennies, he stacked them in groups of 5. He counted a total of 870 pennies. How many stacks of pennies did Matthew make?
- Regina was going to buy Christmas presents for everyone in her class. She had to buy 24 presents that cost \$8.50 each. How much did Regina spend on her gifts to the class?
- Mrs. Meyer has \$98.26 and wanted to share it equally with her nieces, Karah and Keirsten. How much money will each niece receive?

7. $\frac{6}{7} + \frac{5}{7}$ $\frac{3}{4} + \frac{1}{2}$ $\frac{5}{8} + \frac{1}{3}$

8. $\frac{6}{9} - \frac{3}{9}$ $\frac{2}{3} - \frac{2}{6}$ $\frac{8}{9} - \frac{3}{6}$

9. Explain the difference between a prime and a composite number.

10. Match each word to its definition

- _____ A number that has both a fraction and a whole number
- _____ A fraction with a numerator bigger than the denominator
- _____ A number with only 2 factors
- _____ A number with 3 or more factors
- _____ The number on top of a fraction
- _____ The number on the bottom of a fraction

a. Denominator
d. Numerator

b. Prime number
e. Composite number

c. Mixed number
f. Improper Fraction

Simplify:

$$\frac{10}{20}$$

$$\frac{3}{9}$$

$$\frac{14}{32}$$

$$\frac{24}{30}$$

$$\frac{13}{26}$$

$$\frac{6}{10}$$

$$\frac{4}{6}$$

$$\frac{25}{40}$$

