

Worksheet of the Week

December 5 - 9, 2016

1. Put the following fractions in simplest form:

- $\frac{4}{6}$ _____
- $\frac{12}{16}$ _____
- $\frac{8}{24}$ _____
- $\frac{5}{10}$ _____

2. Jaykob wanted to pick out the only prime number in a group of numbers. Which number did Jaykob pick out of the following group of numbers?

9, 19, 27, 30

3. Which fraction is larger than $\frac{5}{6}$?

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|------------------|------------------|
| A. $\frac{1}{2}$ | C. $\frac{7}{8}$ |
| B. $\frac{3}{4}$ | D. $\frac{2}{3}$ |

4. Mari bought $\frac{3}{10}$ of a yard of zebra printed ribbon. She also bought $\frac{2}{12}$ of a yard of pink ribbon. How much ribbon did she buy? (Put answer in simplest form.)

5. Cole had 8 quarters. He spent 4 quarters for a Thor action figure and 2 quarters for a pencil. What fraction of the quarters does he have left?

- | | |
|------------------|------------------|
| A. $\frac{1}{4}$ | C. $\frac{1}{2}$ |
| B. $\frac{3}{4}$ | D. $\frac{1}{3}$ |

6. Ayden is harvesting pumpkins. H.E.B. has ordered 320 pumpkins to be distributed in their stores in Corpus Christi. His machine is able to gather 80 pumpkins in 2 hours. If the machine continuously runs, how long will it take him to harvest a total of 320 pumpkins?

7. What are the common factors of 12 and 18?

8. What would the Least Common Multiple be for 3, 6, and 12?

9. Mrs. Meyer wants to buy Dustin a TV for Christmas that costs \$3,445.50. If Mrs. Meyer decides to split the cost with Dustin's mom and sister, how much will each person pay?

10. Eric, Kiara, Joe, Jaelin, and Alexis are in line to see a movie. Eric is in front of Alexis but behind Joe. Kiara is last. Jaelin is in front of two boys. Describe the order of the people in line.

11.

$$\frac{3}{4} \times 3$$

$$\frac{2}{5} \times 5$$

$$\frac{1}{6} \times 6$$

$$5 \times \frac{1}{5}$$

$$7 \times \frac{3}{7}$$

$$4 \times \frac{3}{8}$$

$$\frac{1}{6} \div 6$$

$$\frac{1}{5} \div 10$$

$$\frac{1}{10} \div 4$$

$$8 \div \frac{1}{4}$$

$$5 \div \frac{1}{9}$$

$$7 \div \frac{1}{2}$$

12. Estimate the sum or difference.

$$\frac{6}{7} + \frac{1}{5}$$

$$\frac{8}{9} - \frac{5}{6}$$

$$\frac{2}{3} + \frac{3}{4}$$