Proportions
(Pumpkin Coloring Activity)

Name: _____ Date: _____

Directions: Solve each proportion. Round all answers to the nearest t
number with the answers below. Color the pumpkin accordingly.

1. $\frac{11}{x} = \frac{7}{13}$

$7x = 143$

$x = 20.4$

2. $\frac{6}{5} = \frac{20}{a}$

3. $\frac{15}{14} = \frac{k}{12}$

$14k = 180$

$k = 12.9$

$14\overline{)180.00}$ → 12.85; -14; 40; -28; 120; -112; 80; -70; 10

4. $\frac{m}{19} = \frac{2}{12}$

5. $\frac{7}{17} = \frac{y}{20}$

$17y = 140$

$y = 8.2$

6. $\frac{p}{7} = \frac{8}{11}$

7. Max worked 13 hours last week at the grocery store and earned $94.25. If he only worked 5 hours this week, how much money did he earn?

$\frac{\text{hrs}}{\$}$ $\frac{13}{94.25} = \frac{5}{}$ Unit rate is $7.25 per hour.

$\$7.25 \times 5 = 36.25$

8. On a recent 16
16 gallons of
she expect to

9. In Mrs. Wilson's math class, the ratio of girls to total students is 5 to 8. If there are 24 total students, how many **boys** are in the class?

$\frac{\text{girls}}{\text{total}}$ $\frac{5}{8} \xrightarrow{\times 3} \frac{15}{24}$ If there are 15 girls, there must be 9 boys.

10. Wrapping pap
How many ro

11. The drama club can wash 9 cars in 40 minutes. At this rate, how many cars can they wash in 2 hours?

$\frac{\text{cars}}{\text{min}}$ $\frac{9}{40} \xrightarrow{\times 3} \frac{27}{120}$

12. A 28 feet tre
feet long. If
length of his

Red: 36.25
Light Green: 8.2
Dark Blue: 20.4
Brown: 3.2
Yellow: 16.7
Dark Green: 25
Purple: 27
Black: 9