

Name: _____

Date: _____

Ratio and Proportion

Direction: Find the X. Use cross multiplication to solve the following proportions.

$$1. \frac{X}{6} = \frac{15}{18}$$

$$X = \underline{\hspace{2cm}}$$

$$2. \frac{X}{3} = \frac{16}{24}$$

$$X = \underline{\hspace{2cm}}$$

$$3. \frac{3}{5} = \frac{X}{15}$$

$$X = \underline{\hspace{2cm}}$$

$$4. \frac{X}{6} = \frac{2}{12}$$

$$X = \underline{\hspace{2cm}}$$

$$5. \frac{X}{5} = \frac{16}{20}$$

$$X = \underline{\hspace{2cm}}$$

$$6. \frac{1}{2} = \frac{X}{8}$$

$$X = \underline{\hspace{2cm}}$$

$$7. \frac{X}{8} = \frac{10}{16}$$

$$X = \underline{\hspace{2cm}}$$

$$8. \frac{X}{2} = \frac{4}{8}$$

$$X = \underline{\hspace{2cm}}$$

$$9. \frac{X}{4} = \frac{9}{12}$$

$$X = \underline{\hspace{2cm}}$$

$$10. \frac{1}{3} = \frac{3}{X}$$

$$X = \underline{\hspace{2cm}}$$