Proportions related values ex: equivalent fractions $\frac{1}{2} = \frac{2}{4} = \frac{3}{6} \frac{1}{100}$ numerators and denominators increase by SAME factor a proportion, to Decrease a proportion, numerator, and denominator Divide the num. and den. Examples: Create an equivalent fraction. Show why. ١. a) $\frac{4^{\times 3}}{5_{\times 3}} = \frac{12}{15}$ b) $\frac{56^{+7}}{63 + 7} = \frac{8}{9}$ 2. Find the missing values: (tenth) a) $\frac{2}{3} = \frac{?}{57} = \frac{57 \times 2 \div 3}{57} = 38$ cross multiply then divide (equal sign and) (by remaining) the fraction (number b) $\frac{7}{10 \times 7} = \frac{108.5}{7}$ 108.5 × 10 $\frac{10}{7} = 155$