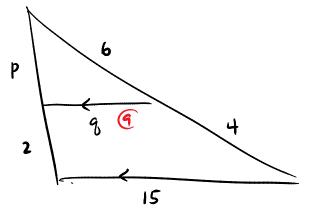
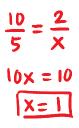
Section 8.5 p. 355: 3, 5, 7-9, 12, 13, 16, 20

#3 Solve for p and q in the figure shown

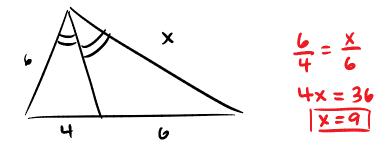
$\frac{6}{10} = \frac{9}{15}$	$\frac{P}{p+2} = \frac{9}{15}$
$\frac{3}{5} = \frac{9}{15}$ 59 = 45	15p = 9(p+2) 15p = 9p + 18 6p = 18 p = 3
9=9	p=3



#5 Solve for x in the diagram shown







#8 A 60m tower casts a 50m shadow, while one-block away a telephone pole casts a 20·m shadow. How tall is the telephone pole?  $\frac{60}{x} = \frac{50}{20}$ 

