

**CHECK ANSWERS (cross off as you progress through the homework problems)**

#90 → solve together in class by using flowcharts (Hint: one pair is not similar)

#92, 96 → use flowcharts

#97 Hint: substitute given (x,y) points to write two equations in the form of  $y = ab^x$  so you can solve for a & b

**#91, 93-95, 97-99 in random order:**

3.1	6.1	15	30	30	48	48	103	not possible	$5 < x < 21$	$y = 32(\frac{1}{2})^x$						
not similar (not enough information given)								AA~	SSS~	SAS~	SAS~	$\frac{1}{2}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{4}$	$\frac{2}{5}$