



(W9L1HW) Functions

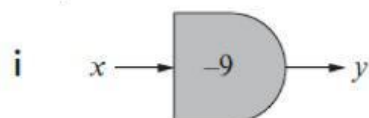
NAME:

CLASS:

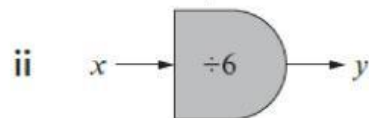
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Question 1

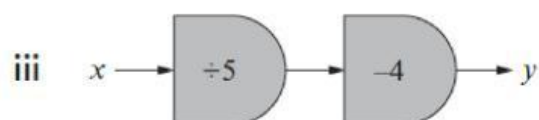
Complete the tables for these function machines.



x	10	$15\frac{1}{4}$		
y			9	$11\frac{1}{3}$



x	12		39	
y		5		12



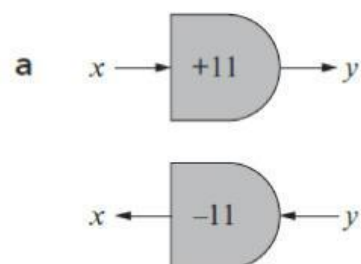
x		30		100
y	0		4	



x		$2\frac{1}{2}$		$7\frac{1}{2}$
y	20		24	

Question 2

Complete these inverse function machines and equations



equation:

$$y = x + 11$$

inverse function equation: $x = \dots\dots\dots$



equation:

$$y = 4x$$

inverse function equation:

$$x = \dots\dots\dots$$

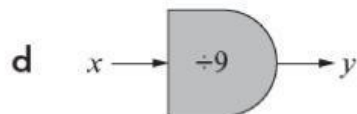


equation:

$$y = x - 17$$

inverse function equation:

$$x = \dots\dots\dots$$

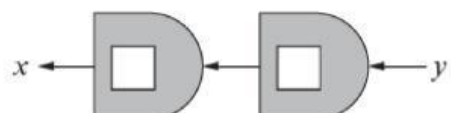


equation:

$$y = \dots\dots\dots$$

inverse function equation:

$$x = \dots\dots\dots$$

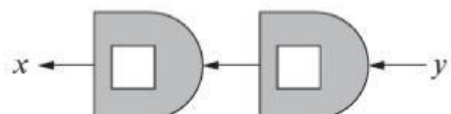
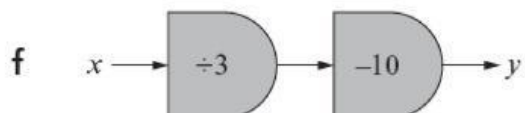


equation:

$$y = 12(x - 1)$$

inverse function equation:

$$x = \dots\dots\dots$$



equation:

$$y = \dots\dots\dots$$

inverse function equation:

$$x = \dots\dots\dots$$