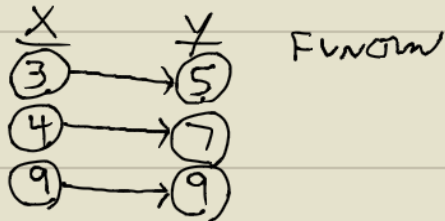


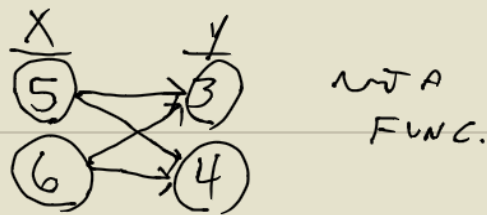
FUNCTION

FOR EVERY X
THERE IS ONLY
ONE Y

1. $\{(3,5), (4,7), (9,9)\}$



2. $\{(5,3), (5,4), (6,3), (6,4)\}$



3. $\{(2,1), (3,1), (4,1)\}$

FUNCTION

4. $x+3y=4$ $x=1$
 $x=2$
 $x=3$
 FUNC.

5. $x^2+5y=3$
 FUNC.

8. $y = -\sqrt{x-2}$ 11. $|x|+y=3$
 FUNC.

6. $x^2+y^2=16$
 NOT A FUNC.

9. $5x+y^3=2$
 FUNC.

7. $5x=y^2$
 NOT A FUNC.

10. $xy-3y=2$
 FUNC.

EASIER DEF (95%)

IF YOU HAVE ONE OF
THE FOLLOWING IT IS NOT

A FUNCTION

y^2, y^4, y EVEN POWER

$|y|, \pm\sqrt{x}, x \neq \#$
($x=5$)

FUNCTION NOTATION

WOMAN WITH PINK T-SHIRT
AND BLONDE HAIR AND
SANDALS

SALLY

$$y = x^5 - 7x + 3$$

$$y = 3x^2 - 8x + 5$$

$$\underline{f(x)} = x^5 - 7x + 3$$

$$g(x) = 3x^2 - 8x + 5$$

f of x

f

g