

Similar
to
4h
test

$$8a^2 + 16a - 64$$

$$8(a^2 + 2a - 8)$$

$$8(a-2)(a+4)$$

8
-128
+2x4 ✓

Similar
4e)

No
GCF

Hard
tr

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

$$\frac{x}{+15} \quad \frac{+}{-8}$$

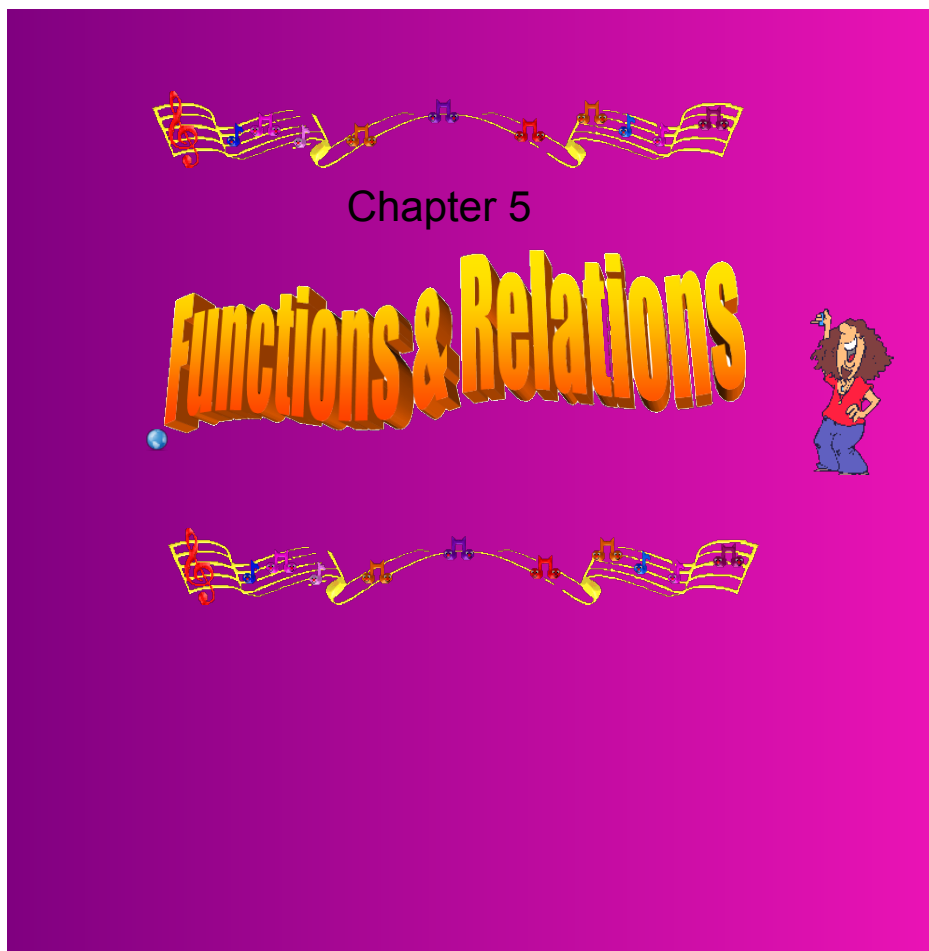
$$(-3, -5)$$

$$3x^2 - 3x - 5x + 5$$

$$3x(x-1) - 5(x-1)$$

$$(x-1)(3x-5)$$

Lauren



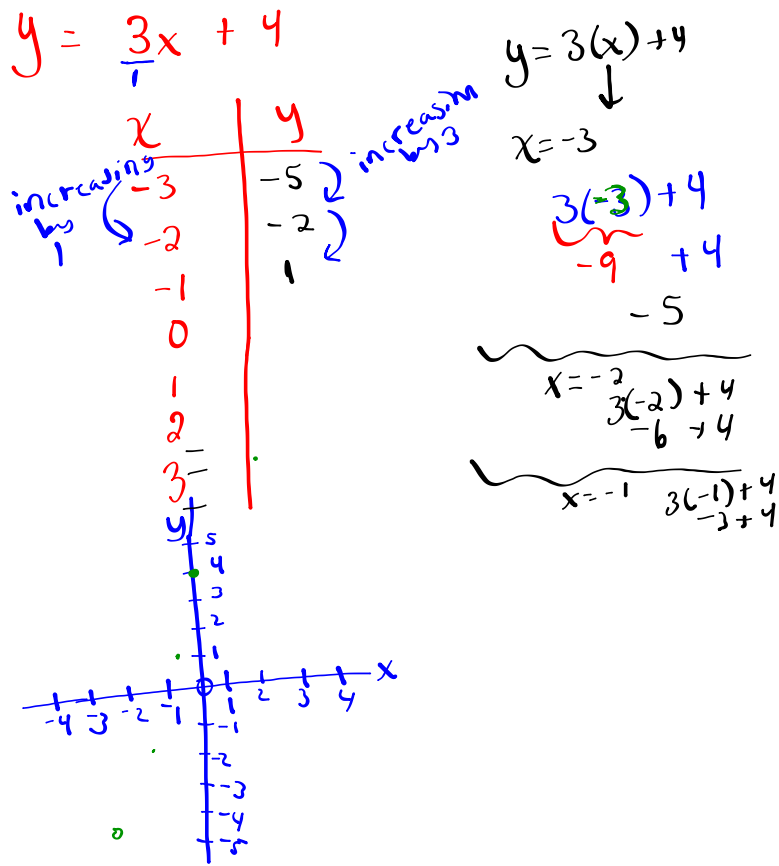
Terms in song

Domain

Range

Rate of change $\frac{\text{rise}}{\text{run}}$

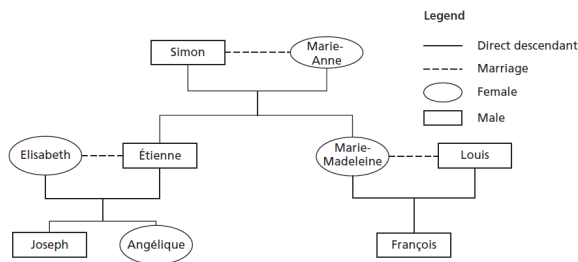
x	y
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5.1 Representing Relations



How are we Related !!!!



- How is Joseph related to Simon?
Joseph is the grandson to Simon
- How are Angelique and Francois related?
1st cousin
- How does the family tree show these relations?

Terminology

A set is a collection of distinct objects.

Set of Fruit

Fruit

apple

blueberry

cherry

huckleberry

Set of Colours

Colour

red

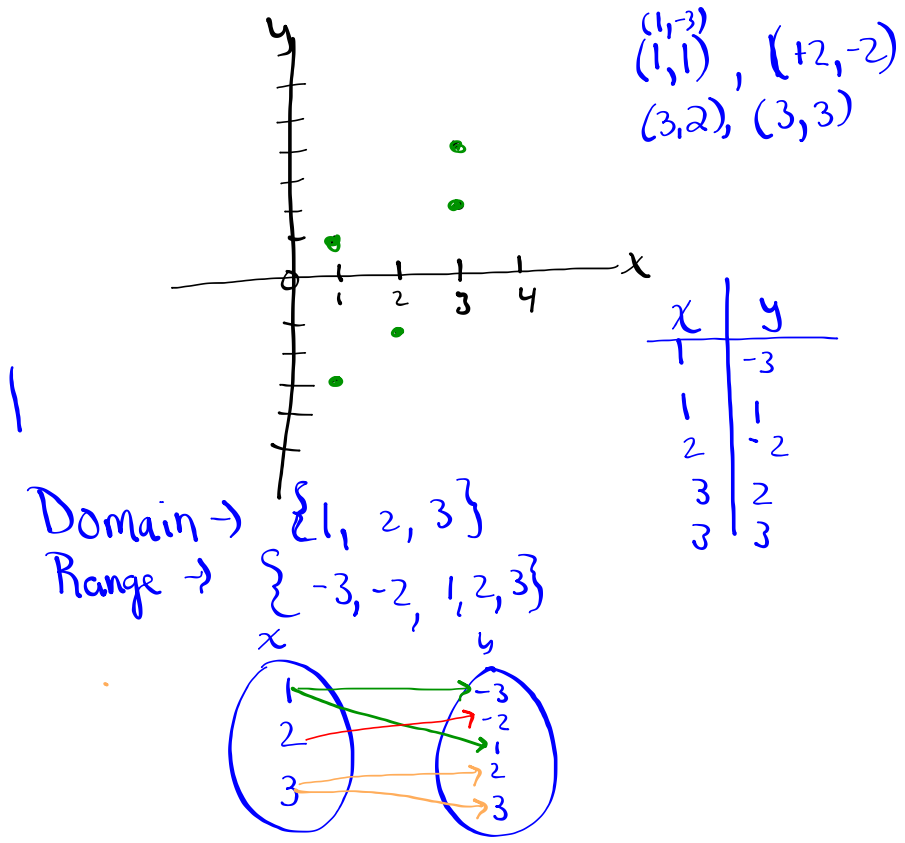
green

blue

includes
title

{ Bear, Snake, turtle, frog
cat, Pig, Dog, Bird }

Set represents animals



An *element* of a set is one object in the set.



Set of Fruit
Fruit
apple
blueberry
cherry
huckleberry

Apple is an element of the set of Fruit