







Hwk #26 Alg 1

Notes sec 5-2

1. What is a Relation?

Relation: A set of ordered pairs.

A bunch of points.

These points may or may not have a particular relationship

These are both Relations.



2. What is the Domain of a Relation?

Domain: All the different x values in numerical order.

3. What is the Range of a Relation?

Range: All the different y values in numerical order.

In order without repeating!

Other names for Domain and Range

Domain

- Range
- x-coordinates
- Input
- Independent Variable
- Dependent

Output

Variable

• y-coordinates

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(4,-1),(2,3),(4,-5),(-2,6),(X,3)

4. State the Domain and Range of this Relation:

Domain:

Range:



State the domain and range of this relation.

(6,-1),(2,-5),(-1,7),(9,-4),(1,3)



<u>|- ر5- ر آ و الم- رح</u> Range

₹-5,-4,-1,3,7<u>₹</u>

State the Domain and Range or each Relation 10 x Domain: -5, -4, -2, 1, 3 Domain: -1, 01, 21, 3Range: -37, 0, 2, 3 Range: -4, -2, 01, 21, 4 These are called Discrete Graphs.

The domain and range can just be listed using all the values of x and y.

You can count the points



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