## Pre-class Warm-up

Consider the problem:

Find the entry in row 2 column 3 of the matrix product (127 [10-1]

Here's the question I shall ask you today:

Find someone else who you can interview about this. Is that person able to do this calculation?

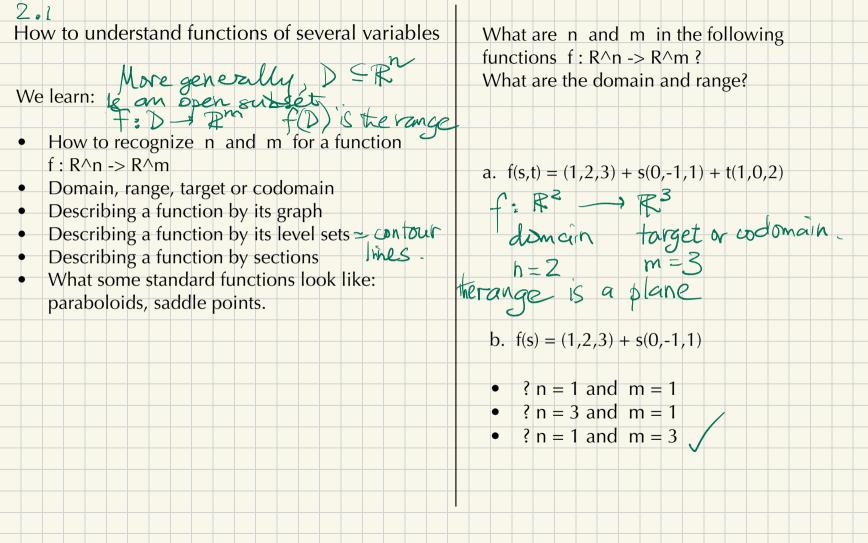
is that person able to do this calculation

Answer:

a. Yes

b. No

- There is a 10 minute quiz tomorrow in your discussion session. You may use a single sheet of handwritten notes.
- Have you had problems getting the Canvas site to work? What doesn't work?



The graph of  $f(x,y) = x^2 + y^2$ The graph of  $f(x) = x^2$ . 15 the set of points (x, y, f(x, y) When y=0 we get (x,0,x2) If x=0 we get (0,y,y2) - parabolop The level sets of  $f(x,y) = x^2 + y^2$ Sections of  $f(x,y) = x^2 + y^2$ sets in the domain R2 where are the intersections of the graph with vertical danes (x,y) = c is constant · (x,y)

