















- A system of linear equations is when we have two or more linear equations working together
- For the equations to "work together" they share one or more variables

#### example

It's a race between you and a horse. You can run 0.2 km every minute. The horse can run 0.5 km every minute. But it takes 6 minutes to saddle the horse. Let d denote distance and t denote time.

We have a system of equations (that are linear):

$$d = 0.2t$$
  
 $d = 0.5(t - 6)$ 

Where do you get caught?



