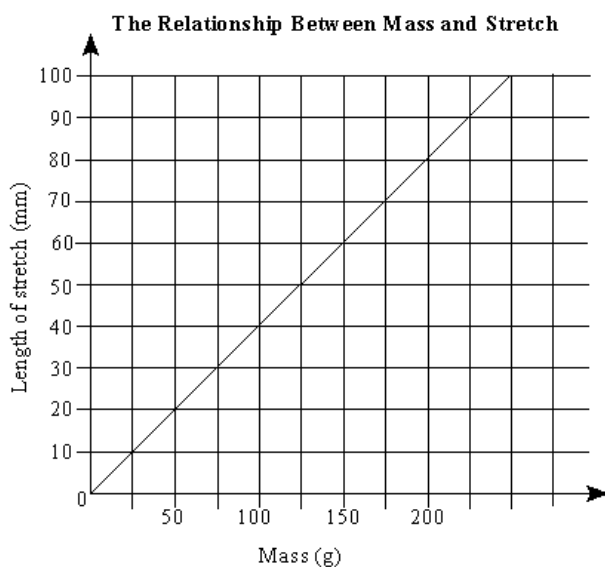


Spring stretch

This task is about showing relationship between mass and stretch.

Here is a graph which shows how much a spring stretches when different masses are attached to it.



a) How many millimetres would a 60 g mass stretch the spring? mm

b) A piece of plasticine stretches the spring 8 mm. What is its mass? g

c) 75 g mass stretched the spring 30 mm. If the spring was stretched to 70 mm, how many additional grams were added? g

d) What is the relationship between the length of stretch and change in mass?