1 f is inversely proportional to d^2

$f = 3.5$ when $d = 8$

(a) Find an equation for f in terms of d.

....
(2)

(b) Find the positive value of d when $f = 10$
Give your answer correct to 3 significant figures.

$d =$ ....
(2)

(Total for Question 1 is 4 marks)