



Make  $w$  the subject

$$g = \frac{w}{w - 5}$$

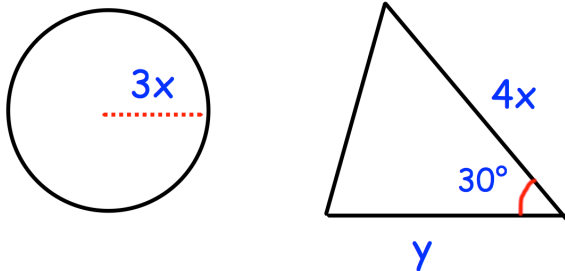
Find the reciprocal of  $1.2\dot{3}\dot{5}$

Given

$$f(x) = \frac{8x - 1}{5}$$

find

$$f^{-1}(x)$$



The areas of the circle and triangle are equal.  
Express  $y$  in terms of  $x$ .

In a crate, containing only red and green apples, the ratio of green to red apples is 2:1

An apple is picked at random and removed from the crate.

A second apple is then picked at random.

The probability of picking two green apples is  $y$ .  
Find the error interval for  $y$ .