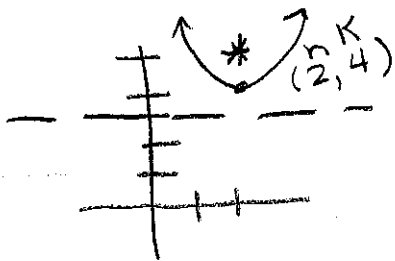


## Warm-up 10: Parabolas

Write the standard form of the equation of the parabola with focus  $(2, 5)$  and directrix  $y = 3$ .



$$(x-h)^2 = 4p(y-k)$$

$$\boxed{(x-2)^2 = 4(y-4)}$$