



A graph showing two parabolas opening upwards. The blue solid parabola, $y = x^2$, is wider and has its vertex at the origin. The red dashed parabola, $y = 5x^2$, is narrower and also has its vertex at the origin. The red parabola is steeper than the blue one. A legend in the top center identifies the lines: a solid blue line for $y = x^2$ and a dashed red line for $y = 5x^2$.

— $y = x^2$

- - $y = 5x^2$