$\frac{d}{dx}[x^3+y^2-3xy^2]=$

$\frac{d}{dx}[x^2+y^3]=$

$\frac{d}{dx}[x^2y]=$

$2x-y+y^2=0$

$\frac{dy}{dx}=$

$\frac{d}{dx}[xy^2]=$

$2xy^2-x^3y=0$

$\frac{dy}{dx}=$

$4x^2-2xy+3y^2=8$

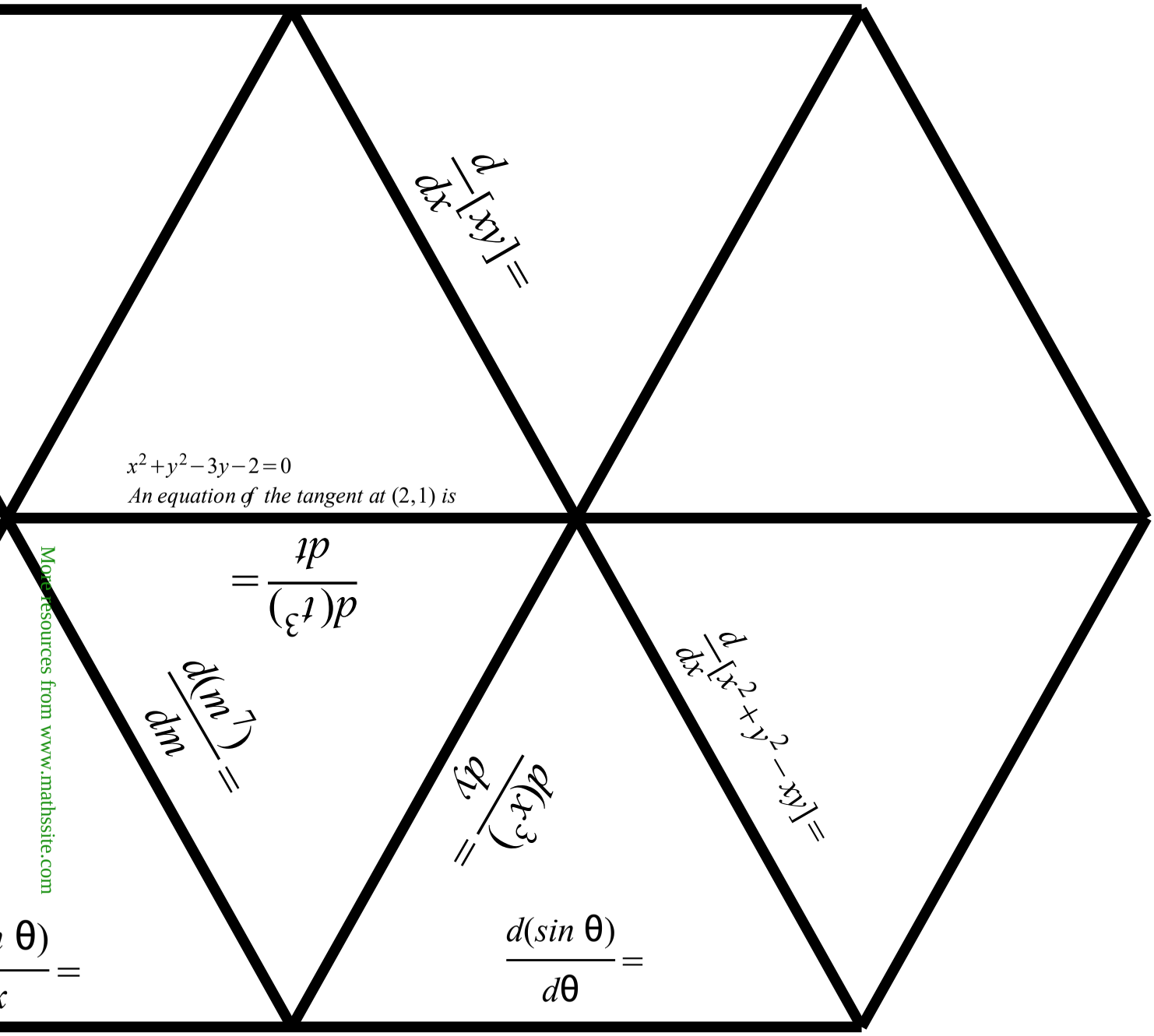
$\frac{dy}{dx}=$

$\frac{d(y^3)}{dx}=$

$\frac{d(\cos}{dx}$

re

functions of x



$$\frac{d}{dx}[x^2y^3]=$$

$$\frac{d}{dx}[x^3y^2]=$$

$$\frac{d(5x^4)}{dx}=$$

$$=\frac{xp}{(_{\varsigma}x)p}$$

$$\frac{xp}{dy}=$$

$$x^2+y^2=2$$

$$\frac{dy}{xp}=$$

$$y^4=x^2-6x+2$$

$$\frac{d}{xp}[x^2+y^2+xy]=$$

$$2x^2-xy+y^2=28$$

An equation of the tangent at $(3,5)$ *is*

$$x^2+4xy-3y^2-36=0$$

An equation of the tangent at $(4,2)$ *is*