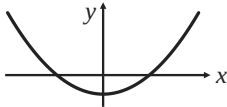
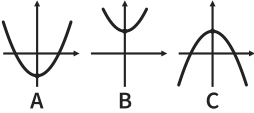
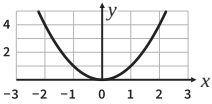
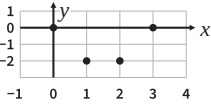
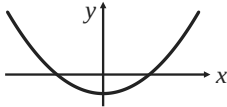
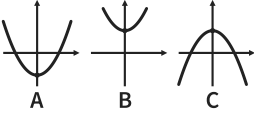
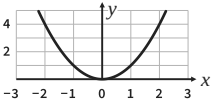
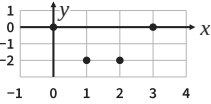


a Is this graph linear or quadratic?  <u>quadratic</u> a quadratic graph is a curve	b Is $y = x(x + 3)$ linear or quadratic? <u>quadratic</u> a hidden x^2 (in brackets)	c $y = x^2$. Find y when $x = 5$ <u>25</u> squaring, not doubling	d $y = x^2$. Find y when $x = -3$ <u>9</u> squaring a negative
e $y = x^2 - 5$. Find y when $x = -2$ <u>-1</u> a negative squared, then subtract	f $y = x^2 + 3x$. Find y when $x = -2$ <u>-2</u> a negative into $x^2 + 3x$	g $y = 2x^2$. Find y when $x = -3$ <u>18</u> square first, then multiply	h Is the graph of $y = 3 - x^2$ a U shape or a $\cap$ shape? <u>$\cap$ shape</u> $-x^2$ gives a $\cap$ shape
i Find the y intercept of $y = x^2 - 5x + 6$ <u>(0, 6)</u> the y intercept is the number	j Which graph is $y = x^2 + 2$?  <u>B</u> matching a sketch to its equation	k Find x when $y = 4$  <u>$x = -2, x = 2$</u> two values of x for one y	l Find x at the curve's lowest point  <u>$x = 1.5$</u> lowest point between plotted points

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