

# Algebra and the Number Plane (1c) name .....

1) If $a = 2$ , $b = 4$ and $c = 7$ find		
a)	$a + b + c$ =	3) Simplify a) $3a + 4a =$
b)	$c^2 + 2$ =	b) $8y - y =$
c)	$bc + a$ =	c) $4a + 2b + 5a + 7b$ =
d)	$6c - b$ =	d) $6k + 9h + 2k$ =
e)	$ab^2$ =	e) $5f + f + 3f + 9g$ =
f)	$a^2 b$ =	f) $4p + 3q + p + q$ =
2) Plot the points A(4, 4) B(-1, -2) and C(0, -3)		
3)	$g \times g \times g \times g \times g \times g =$	4) Simplify a) $5 \times k \times k \times k =$
		b) $c \times c \times c \times a \times a \times 9 =$
		c) $2 \times y \times y \times 4 \times y =$
		d) $h \times h \times h \times h \times h \times h =$
		e) $p \times p \times 5 \times k \times k \times p$ =
		f) $4 \times t \times t \times 2 \times t \times 5 \times t$ =
		g) $y^6 \times y^2 =$
		h) $a^3 \times a^7 =$
		i) $p^6 \times p =$
		j) $3y^2 \times 2y^7 =$
		k) $5k^9 \times 3k =$
		l) $6a^7 \times a^4 =$
		m) $6(y - 3) =$
		n) $7(2a + 3) =$
		o) $5(y - 7) =$
		p) $3(y + 7a) =$
		q) $4(2 - 3g) =$
		r) $5(h + 11) =$
		s) $a + 12 = 20$ a =
		t) $b - 4 = 12$ b =
		u) $7c = 21$ c =
		v) $d \div 5 = 6$ d =
		w) $3e - 5 = 10$ e =
		x) $4f + 1 = 25$ f =
		y) $5g - 7 = 48$ g =

Parent's signature and comment