

Q1. (2017)

23	$(BC =) 5a - 2b - 3a - b$ or $2a - 3b$ or $(CD =) 3a + b + 3a - 9b$ or $6a - 8b$ or $(BD =) 5a - 2b + 3a - 9b$ or $8a - 11b$	M1	oe eg $(CB =) 3a + b - 5a + 2b$ or $-2a + 3b$ or $(DC =) -3a + 9b - 3a - b$ or $-6a + 8b$ or $(DB =) -3a + 9b - 5a + 2b$ or $-8a + 11b$ Allow with brackets eg $(BC =) 5a - 2b - (3a + b)$
	Correct expressions for any two of BC , CD and BD	M1dep	oe eg1 correct expressions for BC and DB eg2 correct expressions for CB and DC Allow with brackets eg $(BC =) 5a - 2b - (3a + b)$ and $(DB =) -(3a - 9b) - (5a - 2b)$
	Correct simplified expressions for any two of BC , CD and BD and valid explanation and No	A1	oe eg correct expressions for BC and DB and valid explanation and No eg $BC = 2a - 3b$ and $CD = 6a - 8b$ and $3(2a - 3b) = 6a - 9b$ and No or $DC = -6a + 8b$ and $BD = 8a - 11b$ and DC is not a multiple of BD and not straight