

Q1. (2020)

Q	Answer	Mark	Comments
15	Alternative method 1		
	$ac = b + 5c$	M1	oe fraction eliminated
	$ac - 5c = b$ or $c(a - 5) = b$ or $\frac{b}{a - 5}$	M1dep	oe terms in c collected
	$c = \frac{b}{a - 5}$	A1	
	Alternative method 2		
	$a - 5 = \frac{b}{c}$	M1	
	$\frac{1}{a - 5} = \frac{c}{b}$ or $\frac{a - 5}{b} = \frac{1}{c}$ or $c(a - 5) = b$ or $\frac{b}{a - 5}$	M1dep	
	$c = \frac{b}{a - 5}$	A1	
Additional Guidance			
$c = \frac{b}{a - 5}$ in working lines with $\frac{b}{a - 5}$ on answer line			M1M1A1

Q2. (2023)

Q	Answer	Mark	Comments
18	$xy = x + 8$ or $y = 1 + \frac{8}{x}$	M1	oe equation with fraction eliminated or oe equation with single fraction split into two terms eg $y \times x = x + 8$ or $y = \frac{x}{x} + \frac{8}{x}$
	$xy - x = 8$ or $x(y - 1) = 8$	M1dep	oe equation with x terms collected eg $x - xy = -8$
	$x = \frac{8}{y - 1}$ or $x = \frac{-8}{1 - y}$	A1	oe equation with x the subject eg $-\frac{8}{1 - y} = x$
	Additional Guidance		
	Up to M2 may be awarded for correct work with no answer or incorrect answer, even if this is seen amongst multiple attempts		
	Correct answer in working with answer repeated on answer line without $x =$ eg $x = \frac{8}{y - 1}$ seen in working with answer $\frac{8}{y - 1}$		M1M1A1
	Do not allow incorrect simplification after correct answer seen eg $x = \frac{8}{y - 1}$ $x = \frac{8}{y} - 8$		M2A0
	$xy - x - 8 = 0$ with no further correct working		M1M0