

Q	Answer	Mark	Comment
1	$\frac{-1 \pm \sqrt{1^2 - 4 \times 3 \times -5}}{2 \times 3}$ or $-\frac{1}{6} \pm \sqrt{\frac{5}{3} + \frac{1}{36}}$	M1	oe eg $\frac{-1 \pm \sqrt{1+60}}{6}$ or $-\frac{1}{6} \pm \sqrt{\frac{60}{36} + \frac{1}{36}}$
	$\frac{-1 \pm \sqrt{61}}{6}$ or $-\frac{1}{6} \pm \sqrt{\frac{61}{36}}$ or 1.135... and -1.468...	A1	oe two solutions eg $-\frac{1}{6} + \frac{1}{6}\sqrt{61}$ and $-\frac{1}{6} - \frac{1}{6}\sqrt{61}$ allow decimal solutions rounded to at least 1 dp eg allow 1.14 and -1.5
	Additional Guidance		
	Both solutions correct		M1A1
	Both solutions seen in working but only one on answer line		M1A0
	Ignore conversion attempt after correct surd form solutions seen unless only one solution is subsequently selected		
	Working must be for two solutions to score eg $\frac{-1 + \sqrt{1^2 - 4 \times 3 \times -5}}{2 \times 3}$ not recovered		M0
	Square root sign should cover all appropriate work unless recovered eg $-\frac{1}{6} \pm \sqrt{\frac{5}{3} + \frac{1}{36}}$ not recovered		M0
	Fraction line should be under all appropriate work unless recovered eg $-1 \pm \frac{\sqrt{61}}{6}$ not recovered		M0
	One solution correct does not imply M1		
	Both solutions seen in working but signs transposed on answer line		M1A0
	$\sqrt{1^2 - 4 \times 3 \times -5}$ is correct for $\sqrt{1^2 - 4 \times 3 \times -5}$		