

Q1. $2x^2 = 72.$

Find a value of x .

.....

(Total 2 marks)

M1.

Working	Answer	Mark	Additional Guidance
$x^2 = 72 \div 2$	6	2	M1 for $72 \div 2$ or 36 seen A1 6 or -6 or ± 6
Total for Question: 2 marks			

- E1.** Candidates who had a strong feeling for Bidmas generally were successful on this question. They divided by 2 and then spotted that 6 squared is 36. Those candidates who tried to find a square root first got nowhere. A few candidates tried trial and improvement with mixed degrees of success as they also had a problem with Bidmas, often doing the doubling of their trial first. Candidates who followed this route successfully were given full marks. Otherwise they received no marks.