

4.4 Answers

GCSE Mathematics Functions I

4.4.1 Solutions to 4.3 Exercise

Each question is worth 3 marks giving 78 marks in total.

Answer 1 7	Answer 2 17	Answer 3 6	Answer 4 24	Answer 5 55
Answer 6 6	Answer 7 2.5	Answer 8 1	Answer 9 103	Answer 10 16
Answer 11 4	Answer 12 − 3	Answer 13 25	Answer 14 11	Answer 15 625
Answer 16 13	Answer 17 15	Answer 18 3	Answer 19 64	Answer 20 − 4
Answer 21 0.25	Answer 22 12	Answer 23 0.25	Answer 24 $\frac{1}{6}$	Answer 25 $\frac{2}{15}$

Answer 26

$$x = \frac{-1 \pm \sqrt{5}}{2}$$

approximately 0.62 or − 1.62