

National 5 Maths  
SQA 2025 Paper 2  
Question 9

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Change the subject of the formula  $B = \frac{1}{4}kc^2 - 3c$  to  $k$ .

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Answer:

$$k = \frac{4(B + 3c)}{c^2} \text{ or equivalent}$$

Also acceptable:

$$k = \frac{4B}{c^2} + \frac{12}{c}$$