Name:

Exam Style Questions



Ensure you have: Pencil, pen, ruler, protractor, pair of compasses and eraser

You may use tracing paper if needed

Guidance

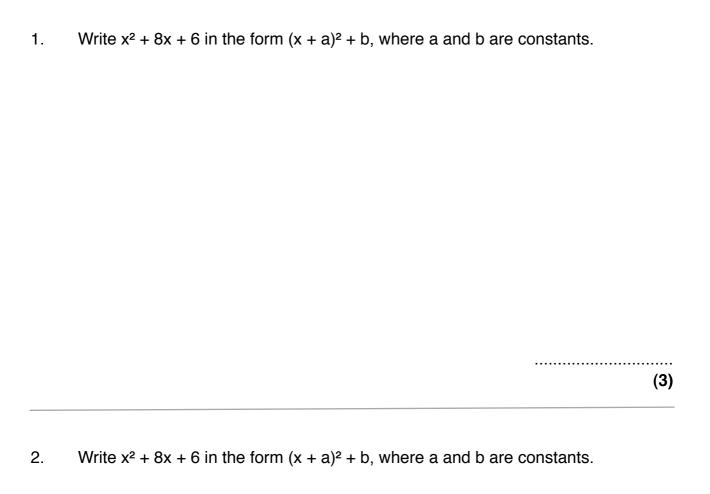
- 1. Read each question carefully before you begin answering it.
- 2. Don't spend too long on one question.
- 3. Attempt every question.
- 4. Check your answers seem right.
- 5. Always show your workings

Revision for this topic

www.corbettmaths.com/contents

Video 10



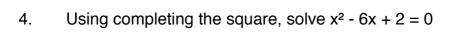


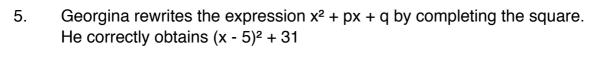
(3)

3.	$v^2 - 6v - 3 = 1$	$(v - a)^2 - h$	where a and	b are constants
J .	A - UA - U = 1	(x - a) - b,	wilele a allu	b are constants

(a) Find the values of a and b.

(b) Hence solve $x^2 - 6x - 3 = 0$





Work out the values of p and q.

6. Write $x^2 - 3x + 7$ in the form $(x + a)^2 + b$

7.	Express $3x^2 + 18x - 1$ in the form $a(x + b)^2 + c$	
		(3)
		 (3)

(4)

9.	Use completing the square to find the minimum point of the curve $y = x^2 + 4x + 7$
	(4)