

DO NOT WRITE IN THIS AREA

- 12** (a) Find the value of $12xy - 15y$ when $x = 2$ and $y = -3$

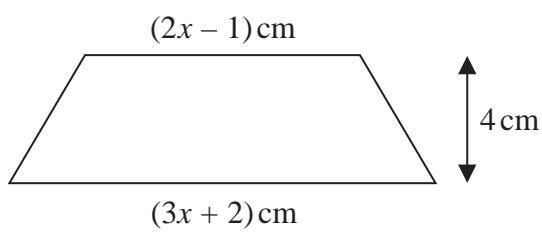
(1)

- (b) Factorise completely $12xy - 15y$

(2)

(Total for Question 12 is 3 marks)

- 13** The diagram shows a trapezium.



The lengths of the parallel sides of the trapezium are $(3x + 2)$ cm and $(2x - 1)$ cm.
The height of the trapezium is 4 cm.

Given that the area of the trapezium is 28 cm^2

find the value of x

$x = \dots$

(Total for Question 13 is 3 marks)

P 6 9 3 0 9 A 0 7 2 4