

**AQA - Solving equations and inequalities – GCSE 2022 Mathematics**

1. June/2022/Paper\_8300/1F/No.6(a)

(a) Which statement is correct?

Tick one box.

$17 + 3 < 29 - 10$

$17 + 3 = 29 - 10$

$17 + 3 > 29 - 10$

Show working to support your answer.

**[2 marks]**

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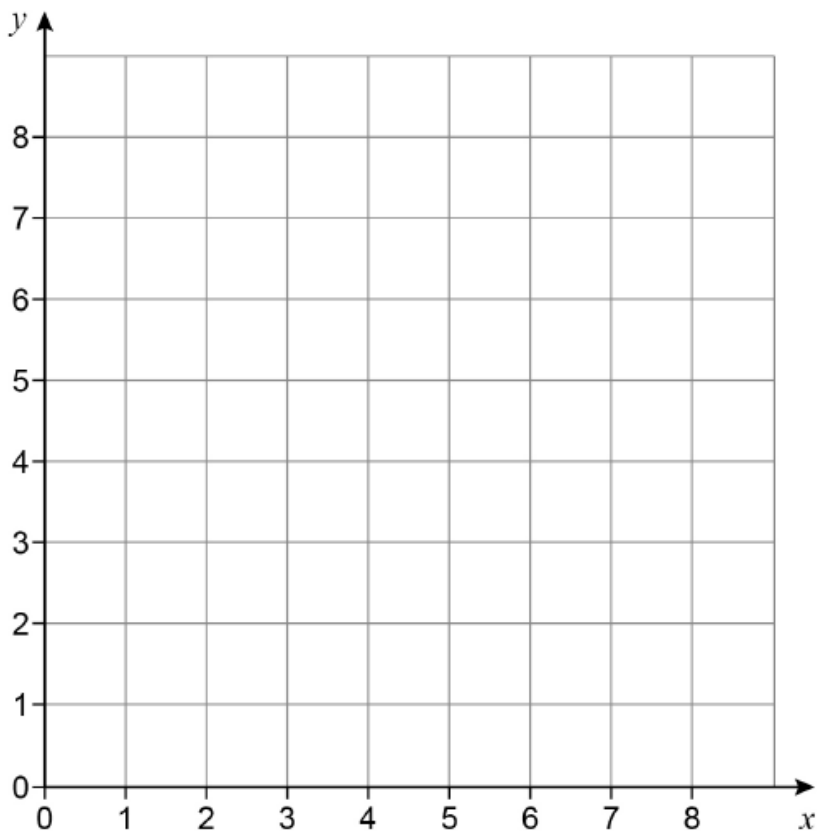
## 2. June/2022/Paper\_8300/1H/No.23

On the grid, identify the region represented by

$$x > 3 \quad \text{and} \quad y > 1 \quad \text{and} \quad x + y \leq 7$$

Label the region R.

[3 marks]



3. June/2022/Paper\_8300/1H/No.28

Work out the value of  $(\cos 30^\circ \times \sin 45^\circ \times \tan 60^\circ)^2$

[4 marks]

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Answer \_\_\_\_\_