

A286 Inequality regions

- ① region on graph
- ② a) $e > \frac{9}{4}$
b) region on graph
- ③ region on graph
- ④ a) 5, 6
b) region on graph
- ⑤ region on graph
- ⑥ region on graph
- ⑦ region on graph, (4,3), (4,4), (4,5), (5,4) marked
- ⑧ $y \geq -2$
 $y \geq x$
 $y \leq 0.5x + 1$
- ⑨ $x + y \leq 6$ is plotted incorrectly
show $x \geq 0$ rather than $y \geq 0$
show $y \geq x + 2$ rather than $y \leq x + 2$

Question	Answer
①	✓
②	✓
③	✓
④	✓
⑤	✓
⑥	✓
⑦	✓
⑧	✓
⑨	✓

$(x + 10) + 100 = (x + 10) + 100$
 $(x + 10) + 100 = (x + 10) + 100$
 $(x + 10) + 100 = (x + 10) + 100$
 $(x + 10) + 100 = (x + 10) + 100$