Linear inequalities

Answers

KS3 Maths topic practice

This topic online

Q	Answer	Marks
1	**a)** x > 3 **b)** y ≤ 7 **c)** Yes, because x ≥ 5 includes 5	3
2	-1, 0, 1, 2, 3	2
3	x < 4	2
4	-1 <= x < 4	2
5	a) solid circle at -2, arrow to the right b) open circle at -1, solid circle at 4, line joining them	2
6	x > 6	3
7	**a)** x >= 3 **b)** Solid circle at 3 with a line and arrow pointing right	3
8	x < 10	3
9	**a)** x ≤ 5.5 **b)** 5	3
10	**a)** x < -4 **b)** open circle at -4, arrow to the left	3
11	**a)** -2 < x <= 4 **b)** -1, 0, 1, 2, 3, 4	4
12	x ≤ 4	3

Full worked solutions, written out by hand, are on the solutions sheet for this topic.

Free for classroom and home use: print, photocopy and share. Not for resale or re-hosting.