AQA, OCR, Edexcel

GCSE

GCSE Maths

Quadratic Inequalities Questions

Name:

MME
Mathsmadeeasy.co.uk

Total Marks: /20

Quadratic Inequalities

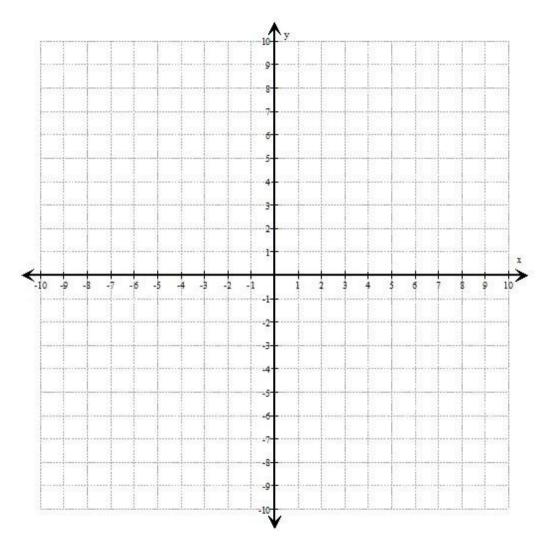1. Solve the following quadratic inequalities:
   a. $x^2 \leq 49$
   b. $x^2 + 2 \geq 7$
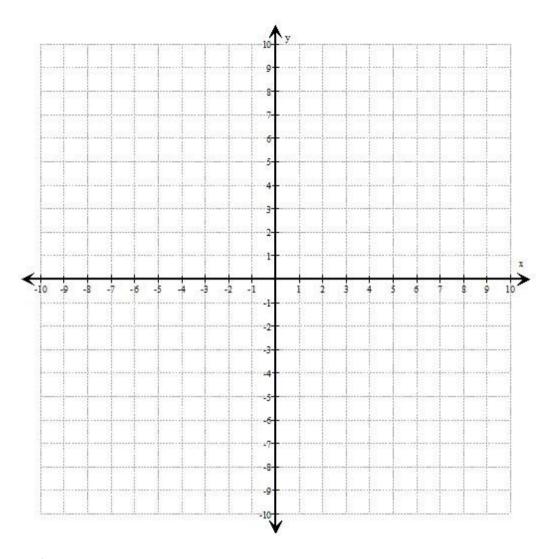   c. $\frac{3x^2}{4} \geq 32$
   d. $-3x^2 + 5 \geq 0$

(5 Marks)

2. Solve the inequality $x^2 - 3x - 4 < 0$, by using the axis below.
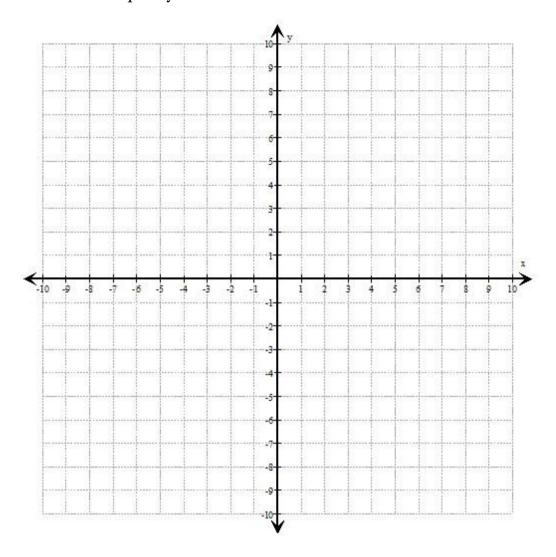

(5 Marks)

3. Solve the inequality $5x^2 + 2x - 3 < 1$. Use the axis below if needed.

(5 Marks)

4. Solve the inequality $- x^2 - 4x + 4 > 0$. Use axis below if needed.

(5 Marks)