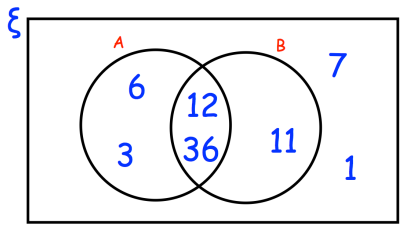
Name: _____ 5-a-day Higher

**13th April**

Corbettmaths

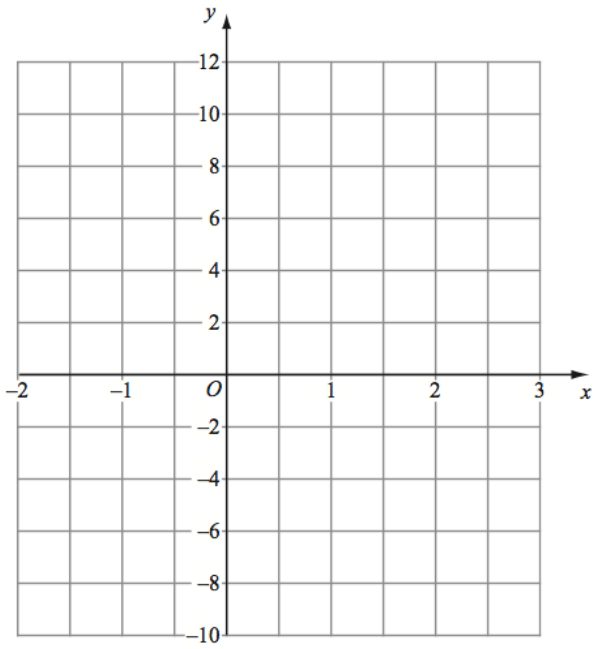
Solve

$$\frac{2x-5}{7} - \frac{2x-1}{2} = 3$$




Write down the numbers that are in set

A ∪ B




On the grid, label the region that satisfies all three of these inequalities

$-1 < x < 2$

$y \leq 8$

$y \geq 4x - 4$

$(x + a)^2(x - 2) = x^3 + bx^2 + 12x - 72$

Find a and b