

1.11.21
 14) $x^2 - 49 = 0$

$$(x+7)(x-7) = 0$$

$$\boxed{x = 7} \quad \boxed{x = -7}$$

V $2x^2 - 3x - 20 =$

$$2x^2 + 5x - 6x - 20 = 0$$

$$x(2x+5) - 4(2x+5) = 0$$

$$(2x+5)(x-4) = 0$$

$$\boxed{x = \frac{5}{2}} \quad \boxed{x = 4}$$

4)
$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

(calculator broke)
 13:00

use that to find the roots of

$$17x^2 = -5x + 14$$