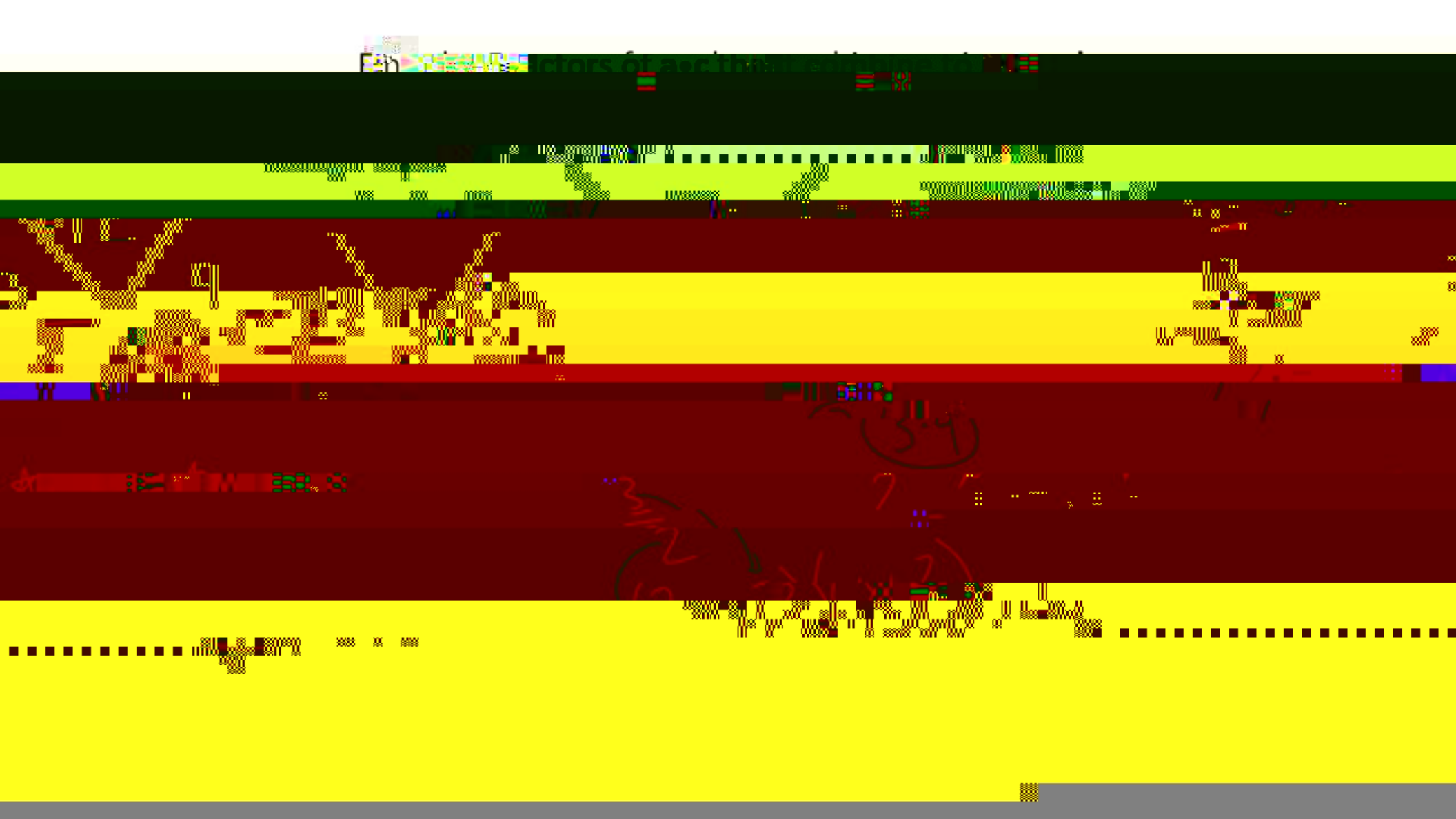






Effects of an... ..

... ..



2

3



$$2 \cdot 5 = 10$$

$$3 \cdot 7 = 21$$

4

10

10



10



10



10



10



10



10



10



10



10



10



10



10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

$$1. \quad 3x^2 - 16x + 5$$

$$3 \cdot 5 = 15$$

$$\frac{15}{3} = 5$$

$$ax^2 + bx + c$$

When both factors are positive

$$\frac{15}{3} = 5$$

$$x^2 + 5x + 6 = (x+2)(x+3)$$

$$x^2 + 5x + 6 = (x+2)(x+3)$$

$$2x^2 - 17x + 4$$

$$ax^2 - bx - c$$

$$4. \quad 2x^2 - 3x - 2$$

-4

-18

-4

-b

17

$-\frac{4}{7}$

$\frac{1}{2}$

-6

3

1x-2x+1

1x-2x+1

1x-2x+1