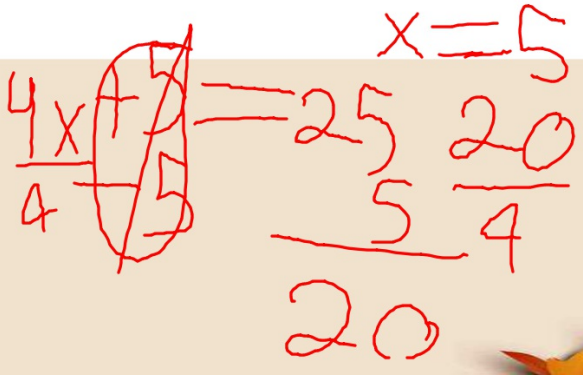
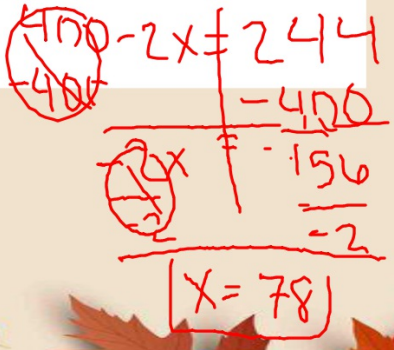
Warm- up

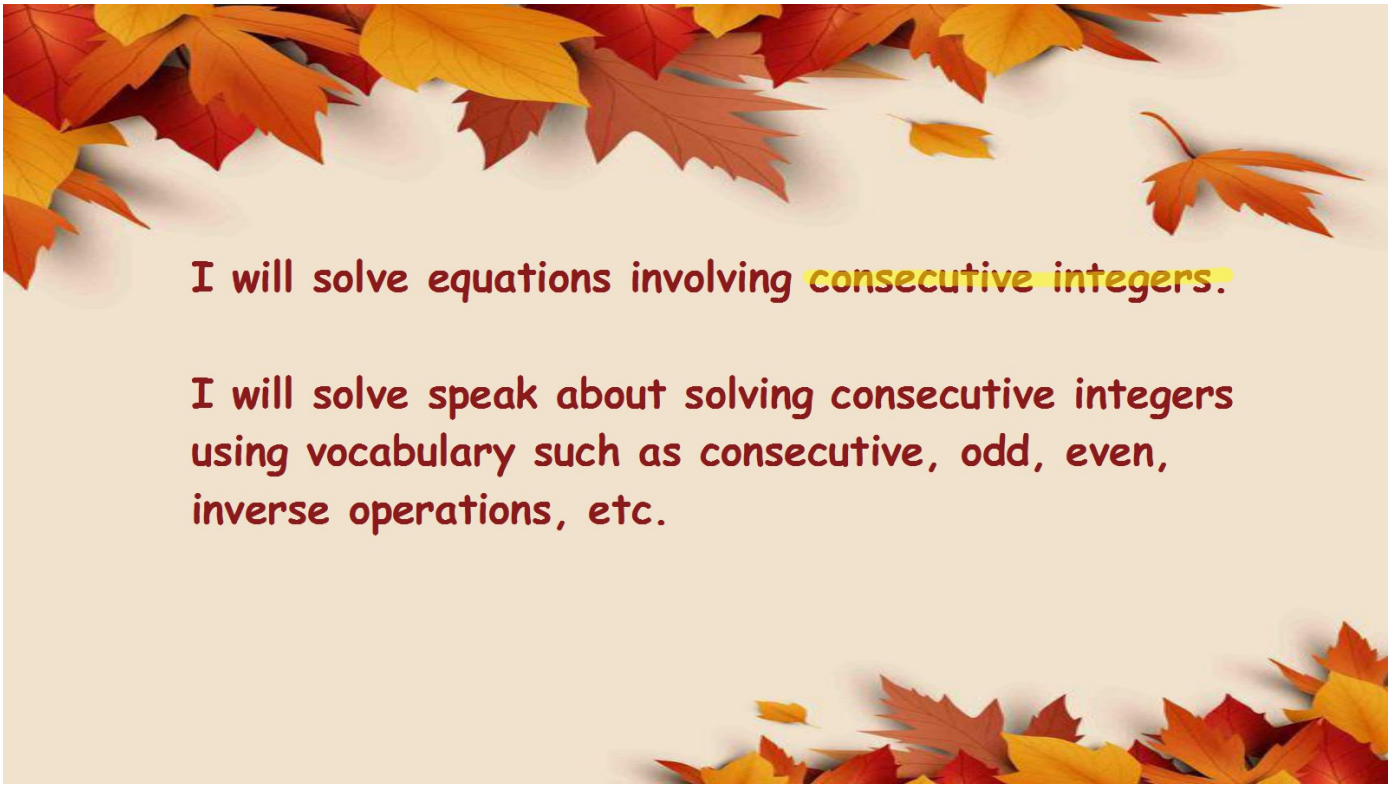
Friday 9/6

1. You bought a magazine for $5 and four erasers. You spent a total of $25. How much did each eraser cost?

2. How old am I if 400 reduced by 2 times my age is 244?

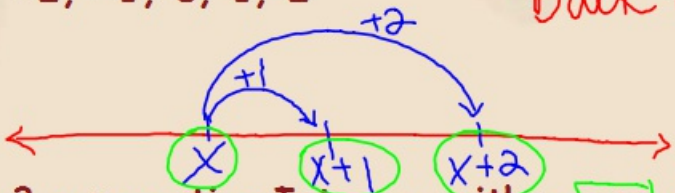





I will solve equations involving consecutive integers.
I will solve speak about solving consecutive integers using vocabulary such as consecutive, odd, even, inverse operations, etc.

Consecutive Integers - Integers in counting order.

-2, -1, 0, 1, 2 "back to back"



Find 3 consecutive Integers with a sum of -36.

$x + x+1 + x+2 = -36$

$3x + 3 = -36$

$-3 \quad -3$

$\frac{3x}{3} = \frac{-39}{3}$

$x = -13$

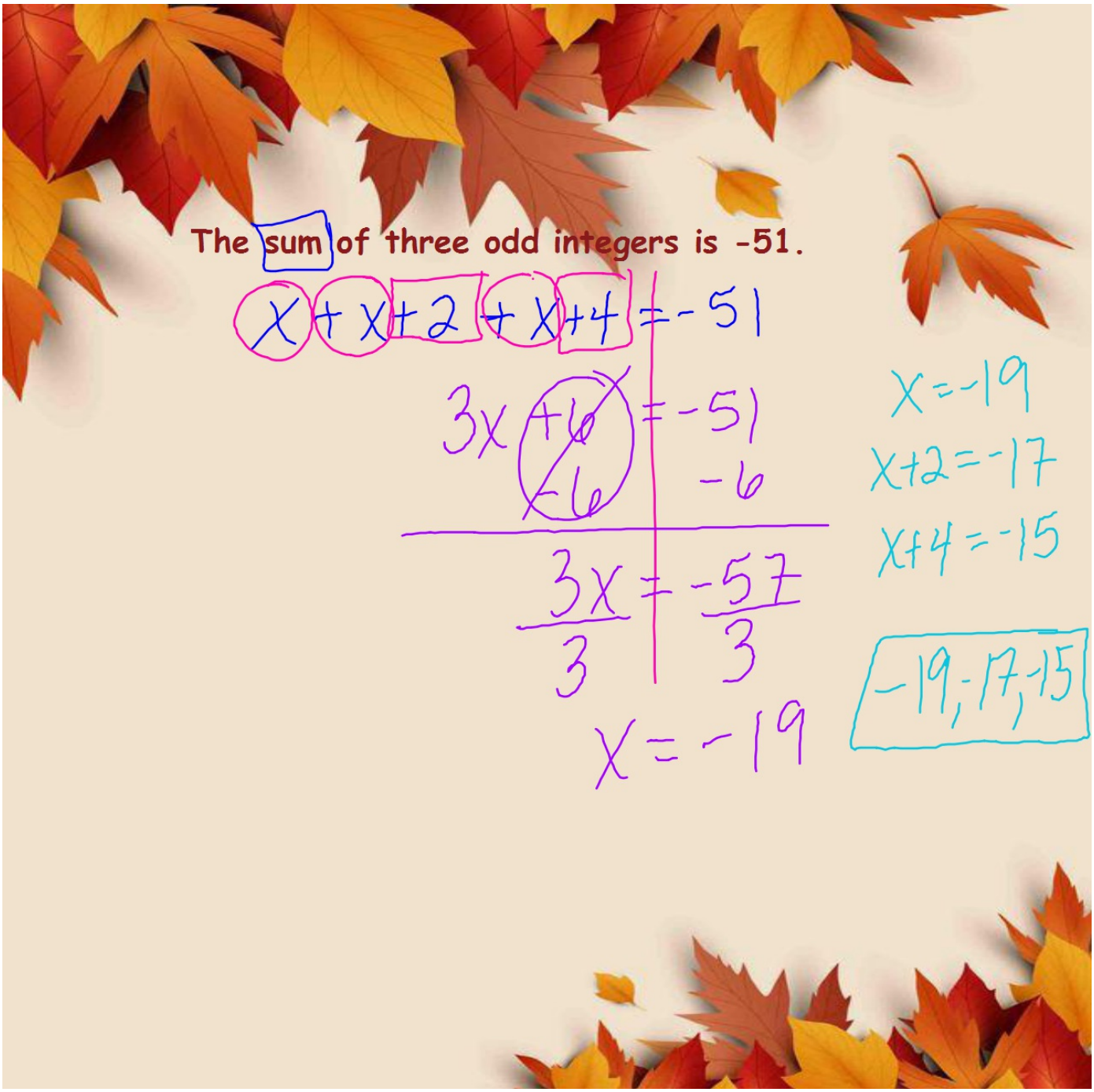
$x = -13$

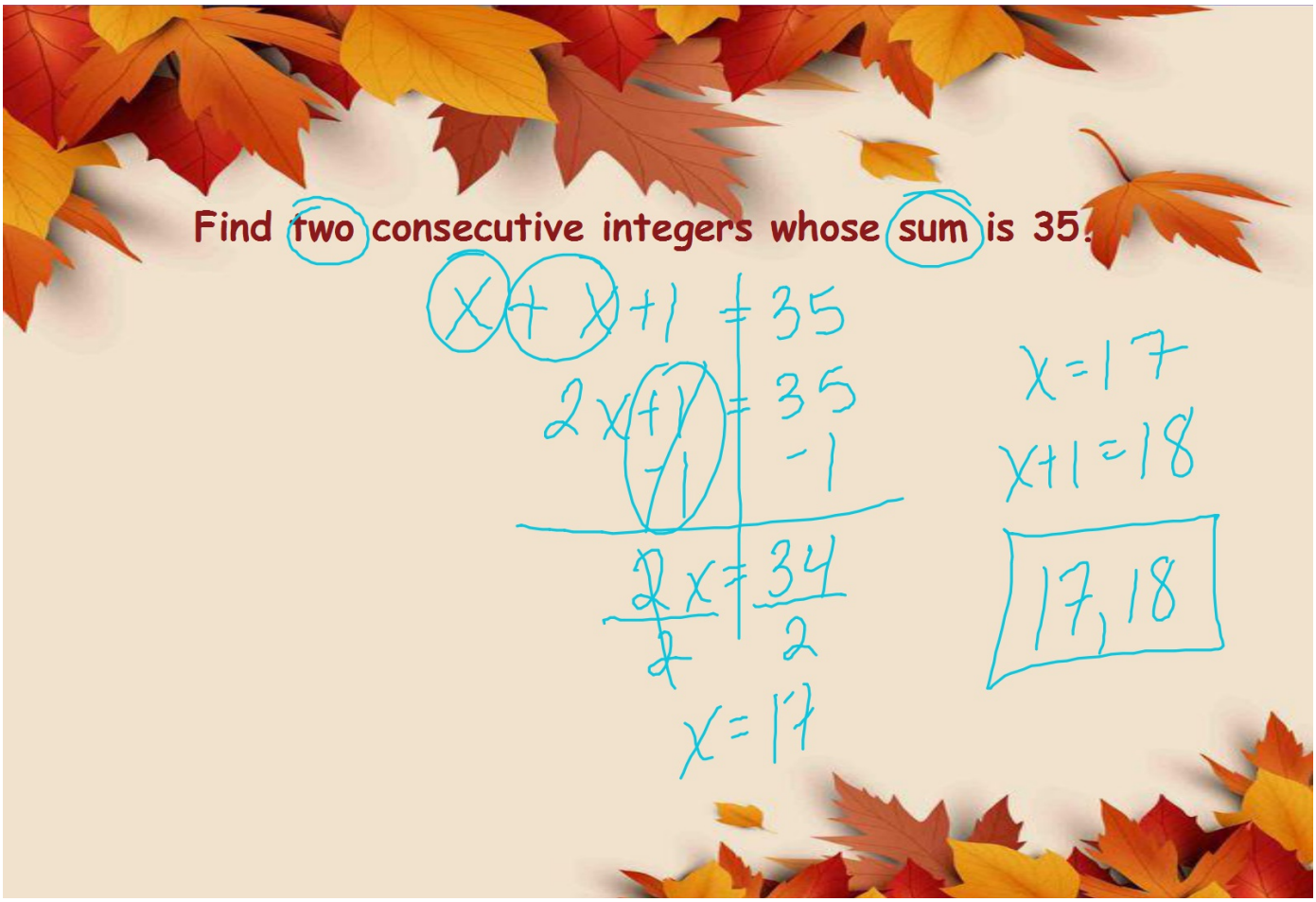
$x+1 = -12$

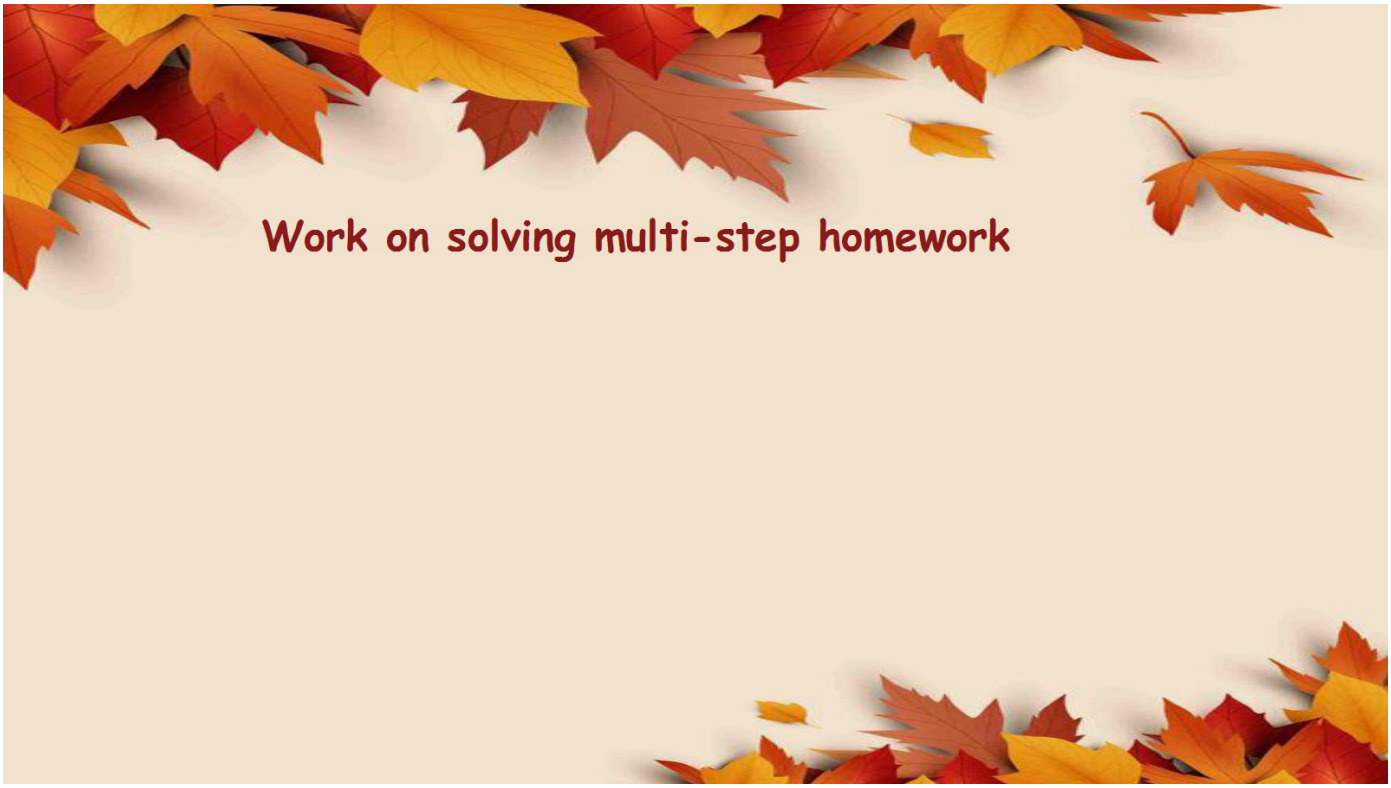
$x+2 = -11$

$-13, -12, -11$

Define the variable. Solve for the variable.


The sum of three odd integers is -51.
x + x+2 + x+4 = -51
3x +6 = -51
-6 -6
3x/3 = -57/3
x = -19
x = -19
x+2 = -17
x+4 = -15
-19, -17, -15


Find two consecutive integers whose sum is 35.
x + x + 1 = 35
2x + 1 = 35
- 1 - 1
2x = 34
2 2
x = 17
x = 17
x + 1 = 18
17, 18


Work on solving multi-step homework