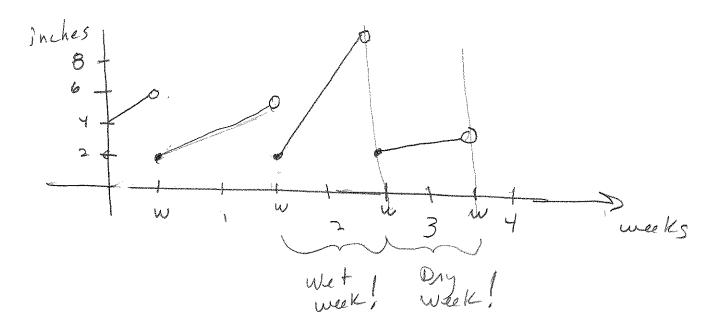
201 51.1

A home wowen mows the lawn once a week, on wed. Sketch a graph of the grass-height function over 4 weeks.



$$f(x) = 3(x)^{2} + 2 + 2 = |x| = |x| = |x|$$

$$f(x) = 3(x)^{2} - 2 + 2 = |x| = |x| = |x|$$

$$f(x) = 3(x)^{2} - (-x) + 2 = |x| + |x| = |x|$$

$$f(x) = 3(x)^{2} - (-x) + 2 = |x| + |x| = |x|$$

$$f(x) = 3(x)^{2} - (-x) + 2 = |x| + |x| + |x| = |x|$$

$$f(x) = 3(x)^{2} - (-x) + 2 = |x| + |x| + |x| = |x|$$

$$f(x) = 3(x)^{2} - (-x) + 2 = |x| + |x| + |x|$$

$$f(x) = 3(x)^{2} - (-x) + 2 = |x| + |x| + |x|$$

$$f(x) = 3(x)^{2} - (-x) + 2 = |x| + |x| + |x|$$

$$f(x) = 3(x)^{2} - (-x) + 2 = |x| + |x| + |x|$$

$$f(x) = 3(x)^{2} - (-x) + 2 = |x| + |x| + |x|$$

$$f(x) = 3(x)^{2} - (-x) + 2 = |x| + |x|$$

$$f(x) = 3(x)^{2} - (-x) + 2 = |x| + |x|$$

$$f(x) = 3(x)^{2} - (-x) + 2 = |x| + |x|$$

$$f(x) = 3(x)^{2} - (-x) + 2 = |x| + |x|$$

$$f(x) = 3(x)^{2} - (-x) + 2 = |x| + |x|$$

$$f(x) = 3(x)^{2} - (-x) + 2 = |x| + |x|$$

$$f(x) = 3(x)^{2} - (-x) + 2 = |x|$$

$$f(x) = 3(x)^{2} - (-x) + 2 = |x| + |x|$$

$$f(x) = 3(x)^{2} - (-x)^{2} + |x| + |x|$$

$$f(x) = 3(x)^{2} - (-x)^{2} + |x| + |x|$$

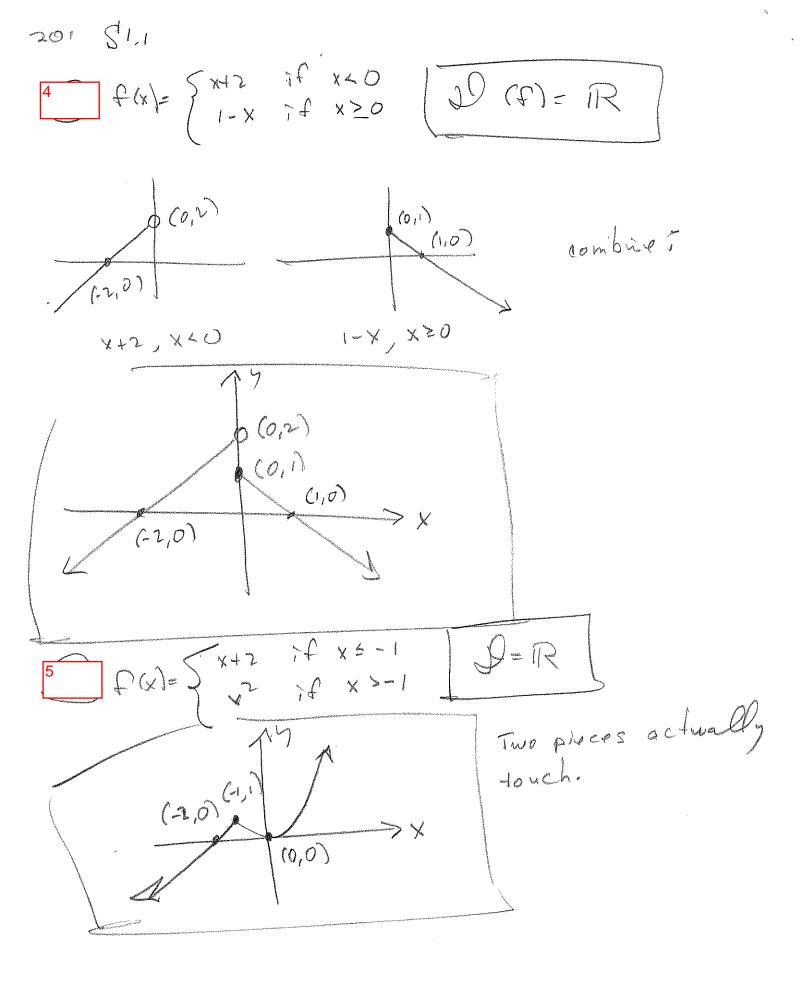
$$f(x) = 3(x)^{2} - (-x)^{2} + |x| + |x|$$

$$f(x) = 3(x)^{2} - (-x)^{2} + |x| + |x|$$

$$f(x) = 3(x)^{2} + |x| + |x|$$

$$f(x) = 3(x)^{2}$$

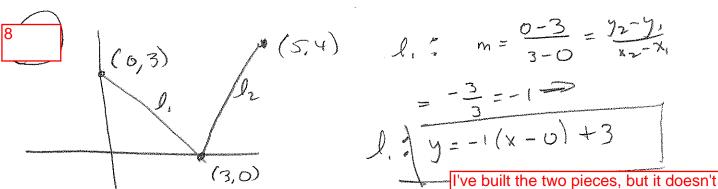
{x / x ≥ 5} = [5,00] = D(9) /



201 2 1.1

Fild an expression for the Runction whosp graph is the given curve. 6 Live SEGMENT from (1,-3) to (5,7) $m = \frac{y_2 - y_1}{x_1 - x_1} = \frac{7 - (-3)}{5 - 1} = \frac{10}{4} = \frac{5}{2} = m$ $y = \frac{5}{2}x - \frac{11}{2}$ y=m (x-x,)+y, y= \(\frac{5}{2}(x-1)-3\)\frac{00}{100}\(\frac{3}{2}=\frac{5}{2}(x-5)+7\) Need 15 x 55 | in your answer The bottom is of the particula x+ (4-1)=0 (y-1)2 = -x -> 4-1=±V-X y= 1 ± VX y= +(x +1 ->) 1 y=-V-x +1,3 botton half.

201 \$1.1



$$Q_2$$
, $M = \frac{12-9}{32-3}$, $M = \frac{4-0}{5-3}$ $M = \frac{4}{2}$ appear I took it quite to the finish line. Still need to write the piece-wise definition, formally. Here ya go:

$$\int_{2} \int_{x}^{x} \int_{x}^{x} = 2 (x-3) + O$$

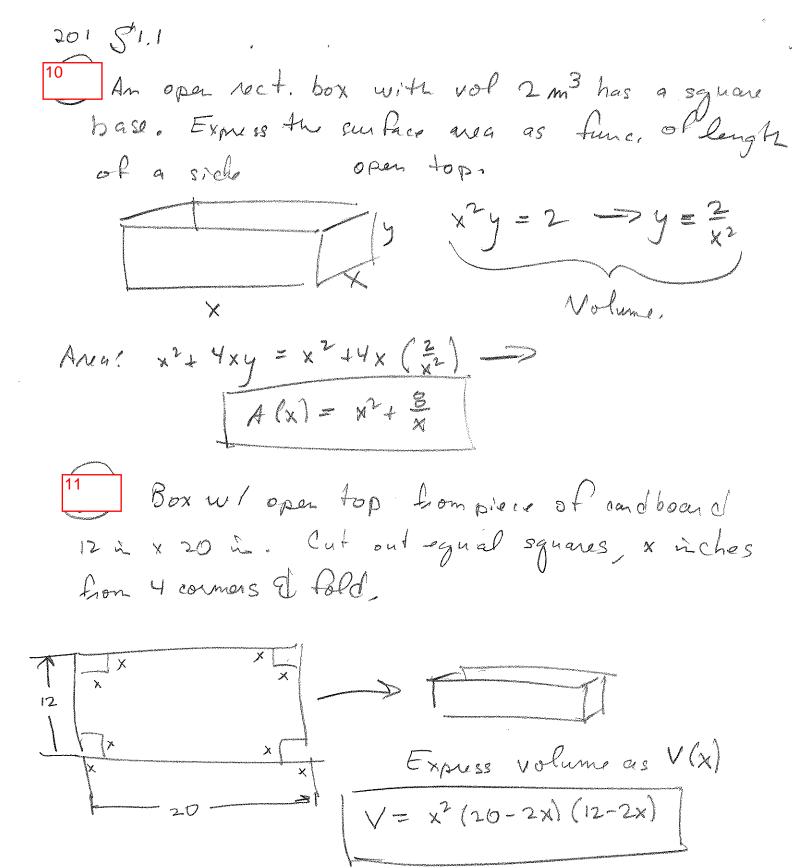
$$\int_{x}^{x} \int_{x}^{x} \int_$$

Fad a formula for function described a state its domain.

$$\frac{20-2x}{2} = 10-x$$

$$A(x) = x(10-x)$$

$$D = (0, 10)$$



Determine whether fis even odd on meither.

12 P(x) = x is odd, b/c

F(X)=1 X3+1 = -F(X) -

13 P(x)= 1+3x2 x4 is ever, be

f(-x) = 1+3(-x)2 (-x)4 = 1+3x2-x4 = f(x)