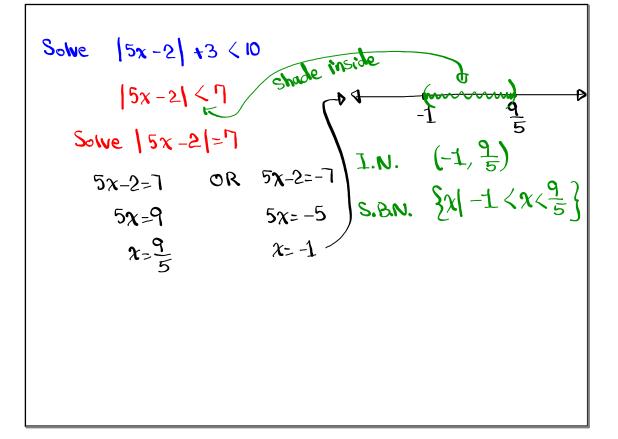
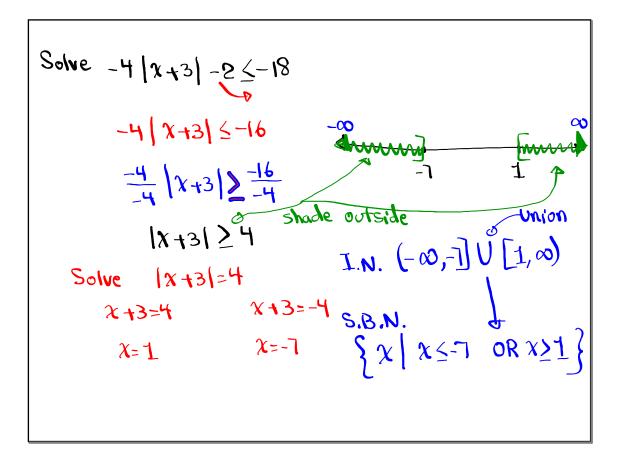


Class QZ 3
Solve
$$-1 < 2x - 1 \leq 13$$

Supress Sinal answer in Graphing, interval notation,
and Set-Builder notation.
 $-1+7<2x \leq 13+7$
 $6 < 2x \leq 20$
 $3 < x \leq 10$
 $x = 10$

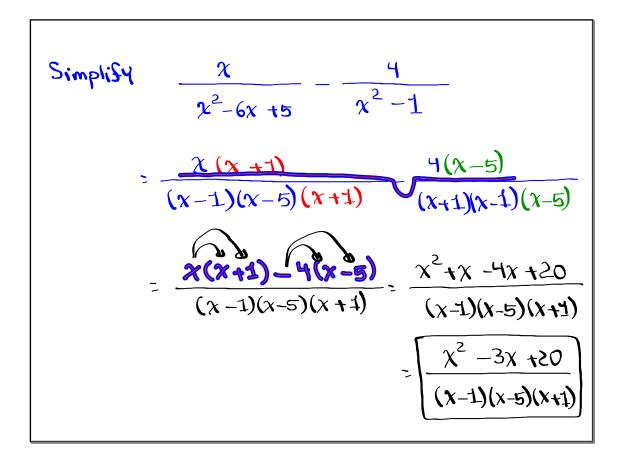


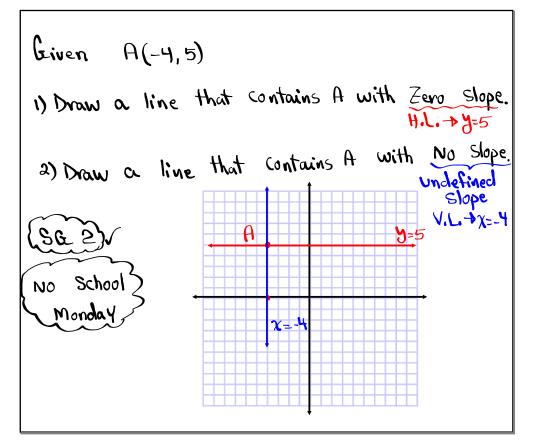


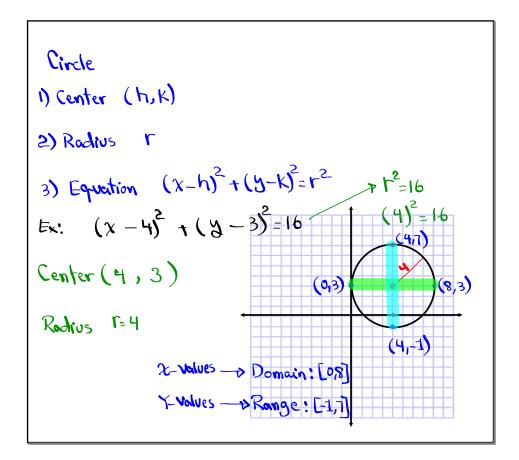
Simplify
$$\frac{2}{3} - \frac{1}{4}$$

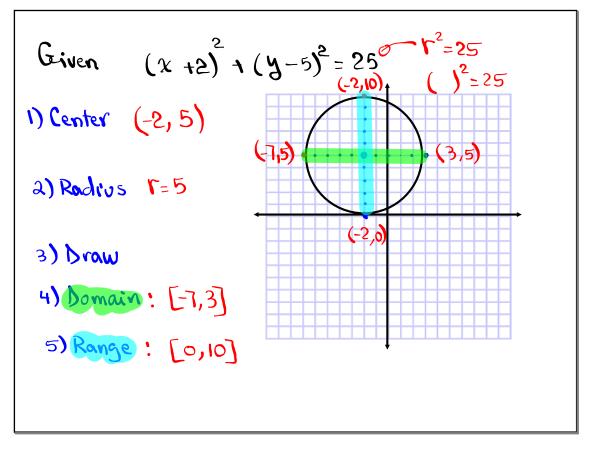
L(1) = 12
 $= \frac{2 \cdot 4}{3 \cdot 4} - \frac{1 \cdot 3}{4 \cdot 3} = \frac{8}{12} - \frac{3}{12} = \frac{8 - 3}{12}$
 $= \frac{5}{12}$
Simplify $\frac{2}{x - 3} - \frac{1}{x + 4}$
L(2) = $(x - 3)(x + 4)$
 $= \frac{2 \cdot (x + 4)}{(x - 3)(x + 4)} - \frac{1 \cdot (x - 3)}{(x - 3)(x + 4)}$
 $= \frac{2(x + 4) - 1(x - 3)}{(x - 3)(x + 4)} = \frac{2x + 8 - x + 3}{(x - 3)(x + 4)}$
 $= \frac{x + 11}{(x - 3)(x + 4)}$

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Given
$$y = x^{3} - 6x^{2} + 8x$$

1) Sind Y-Int $y=0^{3}-6(0)^{2}+8(0)$
Let $x=0$ $y=0$ Y-Int (0,0)
sind y
a) Sind all X-ints. $y=0$
Let $y=0$ $x^{3}-6x^{2}+8x=0$
Sind X $x(x^{2}-6x+8)=0$
X-Ints $(0,0), (4,0), (2,0)$
Review of Soctoring $x=0$ $x-4=0$ $x-2=0$
Work on SG 3