How due today!

Solve for
$$x$$

$$\frac{2x}{3} + \frac{x}{6} = 1$$

$$\frac{2x}{6} + \frac{x}{6} = \frac{3x}{6} = \frac{3x}{$$

$$6.\frac{3x}{6} = 1.6$$

$$3x = 6.6x = 2$$

WARM UP
$$-2(x+3) - 3(x-5)$$

$$-2x-6 - 3x+15$$

$$2 - (-5x + 9)$$

An equation is a statement about 2 objects True or False Conditional -2(x+3)-3(x-5)3x-5 2x+3-4

f 3 - 4 - 5 x - 3 - x

2x-5 -2x, Never true FALSE 2=2 Always True: Hist: 0=0 for had always True statement. 3 Statements: Alveys FALSE True, sometimes 4(x+2y)=4x+8y (2) (2)

4 (x+ <y) - 4x-84 4x+84 4x - 8y -4x +8y -4x +84 16y = True when 3) 4(x+2y)=Set x,y=0 4(0+0)=0 4(0+2) ±0 4x+8y=

x + 2y = 0 x = 0 x = 0 x = -xAlways FALSE x + 3y(x-() = 4 $\lim_{M \in \mathbb{N}} x = 3$ What must y be to make equality true?