Bathroom breaks are to be taken before class!!

**Do NOT move the desk!!**

**Turn your phone OFF!!**

**Put your phone up!!**

**Sit down!!** **Be quiet!!**

**Prepare to work!!**

**Keep your hands to yourself!!**

# Review for test

21) $104 - 0.5(p + 12) = -7$

$104 - 0.5p - 6 = -7$

$44 - 0.5p = -7$

$-0.5p = -114$

$p = 228$

31) $y - 12 = 4y$

$-y \quad -y$

$-12 = 3y$

$\frac{-12}{3} = \frac{3y}{3}$

$-4 = y$

32) $4.3d + 7.5 = 58d$

$7.5 = 15d$

$5 : d$

33) $6(h+4) = -2h$

$6h + 24 = -2h$

$24 = -8h$

$-3 = h$

34) $-25(10-x) \cdot 25x + 250$

$-250 + 25x = 25x + 250$

$25x = 25x + 500$

$0 = 500$

False, No sol

35) $x+1 = x+1$

many sol

36) $5x + 2 - x = -4x$

$4x + 2 = -4x$

$2 = -8x$

$-\frac{1}{4} = x$

37) $5m + 4 = 3m + 12$

$\cdot(-1)$ $\quad -4$

$5m = 3m + 8$

$-3m \quad -3m$

$2m = 8$

$m = 4$

39) $4(x-5) = 4x-20$

$4x-20 = 4x-20$ many

40) $7x+3 = 7x-3$ no

41) $-6x+12 = 3x+12-5x$

$-6x+12 = -6x+12$ many

42) $5x+2.5 \cdot 5x = 0$

$25 = 0$ no

43) $15 - \frac{1}{9}x = 3\left(\frac{1}{12}x - 5\right)$

$15 - \frac{1}{9}x = \frac{1}{9}x - 15$

one

44) $-5 \leq x$

x greater than or equal to -5

45) $y + 2 > 7$

46) $m - 15 \geq 2$

47) $6w < -2$ , $w = 1$

$6(1) < -2$

not sol $\Rightarrow$ no

48) $\frac{1}{2}d > -3$ , $d = 0$

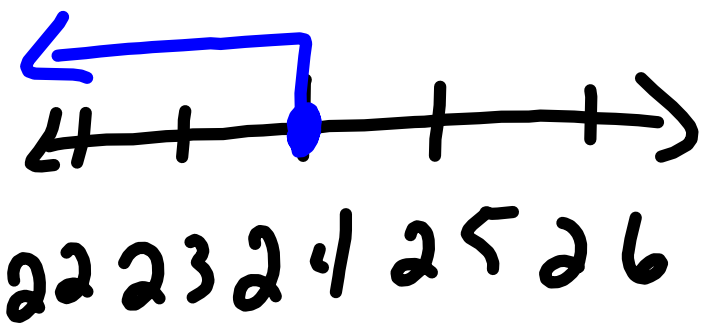
$\frac{1}{2}(0) > -3$

is sol $\Rightarrow$ yes

49) $p + 16 \leq 4$

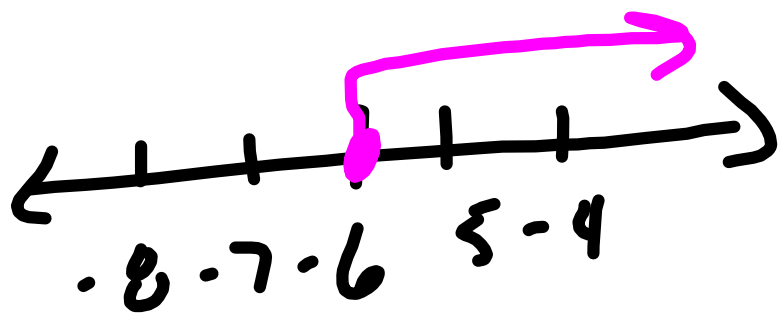
$p \leq 24$

$24 \geq p$




50) $s + 1 \geq -5$

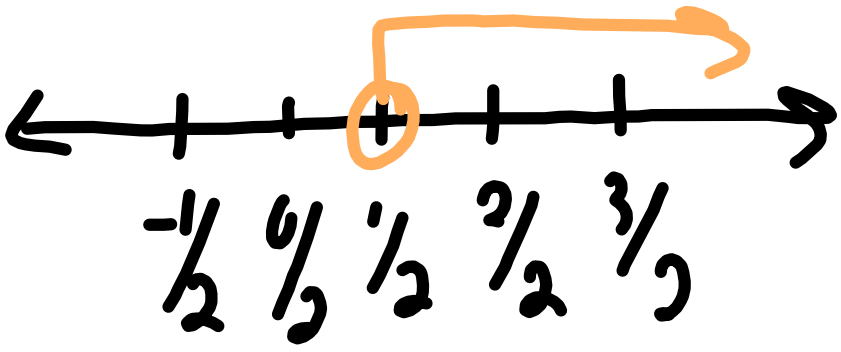
$s \geq -6$



51) $2 < n + \frac{3}{2}$

$-\frac{3}{2} \qquad -\frac{3}{2}$

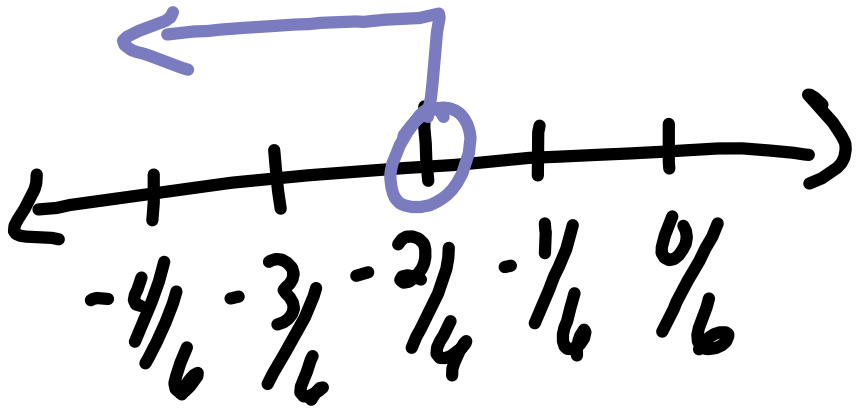
$\frac{1}{2} < n$




52) $-\frac{1}{2} > -\frac{1}{6} + t$

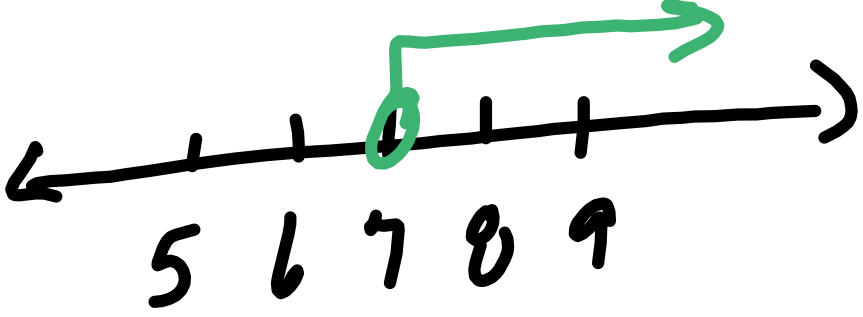
$+\frac{1}{6} \qquad +\frac{1}{6}$

$-\frac{2}{6} > t$



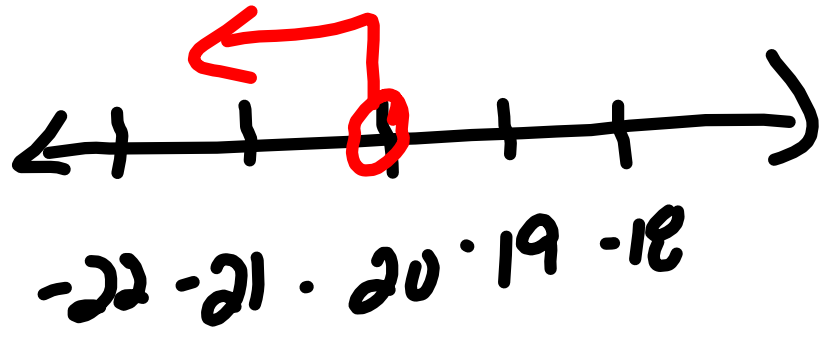
53) $-4.5 + q > 2.5$

$q > 7$



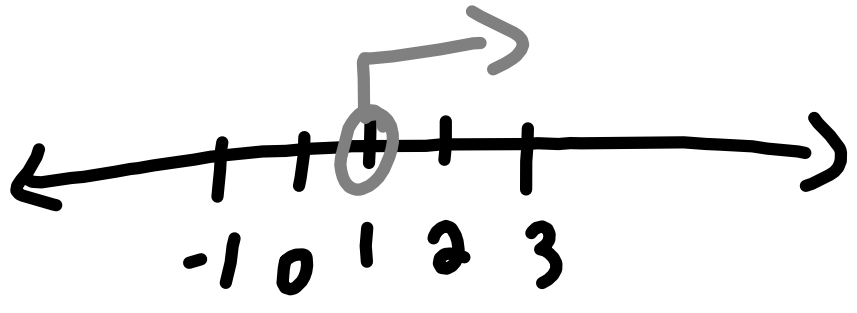

55) $-32 > 1.6h$

$-20 > h$



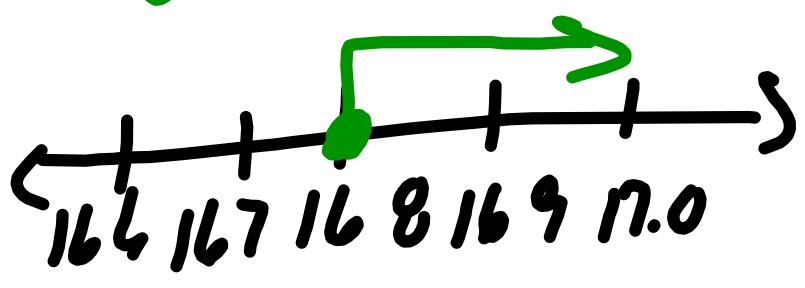

54) $8x > 8$

$x > 1$




56) $\frac{u}{8} \geq 2.1$

$u \geq 16.8$

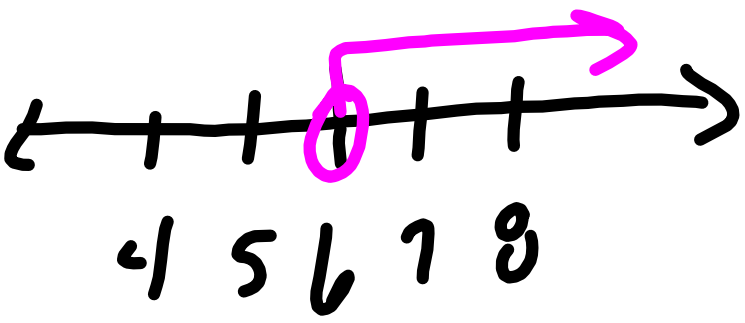


57) $\frac{x}{4} < -1$

$x < -4$

58) $-2 > \frac{v}{-3}$

$6 < v$

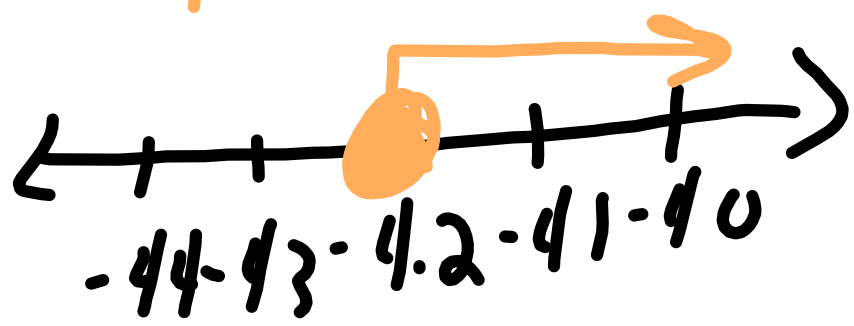



59) $-\frac{y}{3} \leq 1.4$

$-y \leq 4.2$

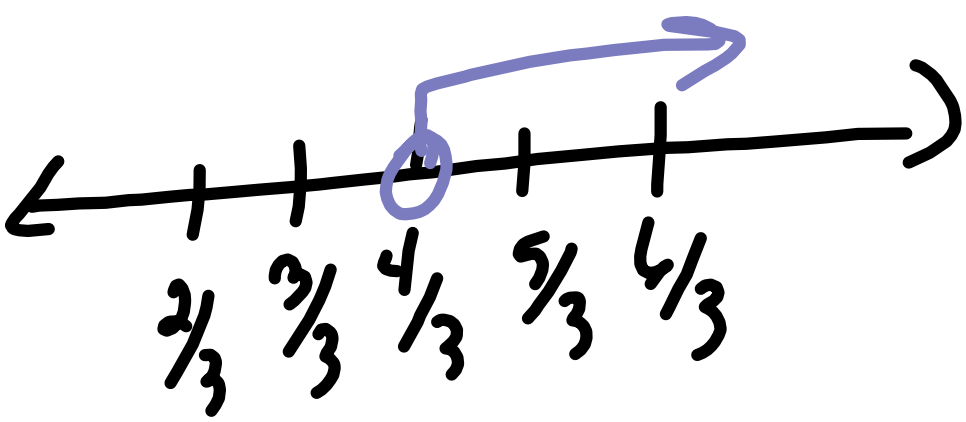
$\frac{-y}{-1} \leq \frac{4.2}{-1}$

$y \geq -4.2$



(b) $\frac{-12}{-9} > \frac{-9h}{-9}$

$\frac{4}{3} < h$




(d) $3m - 7 < 2$

$3m < 9$

$m < 3$