



- 24.) (a)  $\frac{-5}{6}$  rational
- (b) 0 rational, integer, whole
- (c)  $\sqrt{5}$  irrational
- (d)  $\frac{12}{3} = 4$  rational, integer, whole, natural
- (e)  $-\sqrt{4} = -2$  rational, integer
- (f)  $3\pi$  irrational

25.) (a) All integers are rational numbers  
TRUE

(b) All negative numbers are integers.  
FALSE (ex:  $-\frac{5}{6}$ ,  $-3.2$ )

(c) 3.87655 is a rational number.  
TRUE

(d)  $\sqrt{7}$  is a whole number.  
FALSE (whole #'s are 0, 1, 2, 3, ...)

(e) All fractions are integers.  
FALSE (ex:  $-\frac{5}{6}$ ,  $-\frac{7}{8}$ , ...)