Pg 20

33 π is irrational because it never ends

35 $\sqrt{113} = 10.630145\overline{81}...$
irrational because it never ends

37 $5\frac{3}{3} > \sqrt{29}$ convert to decimals

$5.\overline{66} > 5.3857...$

39. $4/3 < \sqrt{2}$ convert to decimals

$1.\overline{333} < 1.41421...$

41 $-7/11 < -.63$ convert to decimals

$-.\overline{6363} < -.63$

45 $-2, -7/4, \frac{1}{2}, \sqrt{5}, 2.4$ Convert to decimals

$-2.0, -1.75, .5, 2.2360..., 2.4$

47 $-59/9, -6, 4.3, \sqrt{20}$

$-6.\overline{5}, -6, 4.3, 4.47$

57. 4/7/1

59 201/100

62. 16 A RATIONAL number must be written as the ratio of two integers and $\sqrt{7}$ is not an integer

63 $A = 136$

$A = \text{side}^2$

$A = \sqrt{136}$

$A = 11.6$

≈ 12

65. 864/275 is value is 3.1418...
is closer to the value of π than $\sqrt{10}$ which is 3.16227...