Direct Notes & Key Answers

1.
$$**(a)**$$
 Irrational; " 2 is irrational. $**(b)**$ Rational; simplifies

$$2. \quad "20 + "45 - "80 = "5$$

3.
$$(3 + "3)(2 + "2) = 6 + 3"2 + 2"3 + "6$$

4.
$$(81/4) \times (25/72) = 225/32$$

5.
$$**(a)**x + 1 = 3 + 3 **(b)**x^2 + 5 = 12 + 43$$

6.
$$335 + 0.73 = 33573/100$$

7.
$$a = 2, b = 1$$