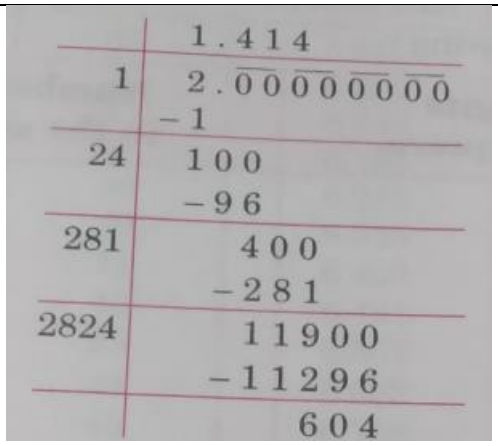
BCM SCHOOL, BASANT AVENUE, DUGRI ROAD, LUDHIANA

APRIL ASSIGNMENT

CLASS VIII (MATHEMATICS)

TOPIC RATIONAL NUMBERS, SQUARES AND SQUARE ROOTS (ANSWER KEY)

5.	Let the rational number be y ATQ: $\frac{-8}{35} \div y = \frac{-4}{5}$ Y = $\frac{2}{7}$
6.	The required perfect square = 5625 Square root of 5625 = 75
7.	 1.414 1 | 2.00 00 00 00 −1 24 | 100 −96 281 | 400 −281 2824 | 11900 −11296 604
8.	Smallest 6-digit no. = 100000 By long division method, Therefore, the smallest 6-digit perfect square no. is 100489
9.	$\sqrt{8} = \sqrt{2 \times 2 \times 2}$ $= 2\sqrt{2}$ = 2 x 1.4142 = 2.8284 $\therefore \sqrt{8} = 2.828$, correct to three places of decimal