

Unit 2: Rationals and Irrationals Day 4

Math 9 Principles

2-4: I can prime factor natural numbers, determine whether they are perfect squares, and if they are evaluate their square root.

Test to see if each number below is divisible by any of 2, 3, 4, 5, 6, 9, or 10.

Specify which ones are factors for each number.

1) 2025	2) 120	3) 1215
4) 432	5) 2736	6) 9600
7) 51285	8) 3574	9) 95232

Prime factor each number and determine whether it is a perfect square. If it is, state the square root. No Calculators!

10) 2304	11) 1152
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12) 1764	13) 3328
14) 8400	15) 32 400
16) 5292	17) 360 000
18) 676	19) 4332
20) 900	21) 84100