Chapter 1 vocabulary

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|  | 2  P |  |  |  | 3  E |  |  |  |  | 4  R |  |  |  |  |  | 5  S |  |  |  |
|  | E |  |  |  | X |  | 6  B | A | S | E |  |  |  |  |  | Q |  |  | 7  R |
|  | R |  |  |  | P |  |  |  |  | P |  |  |  |  |  | U |  |  | E |
|  | F |  |  |  | O |  | 8  P | O | W | E | R |  |  |  |  | A |  |  | A |
|  | E |  |  |  | N |  |  |  |  | A |  |  |  |  |  | R |  |  | L |
|  | C |  |  | 9  P | E | R | F | E | C | T | S | Q | U | A | R | E |  |  | N |
|  | T |  |  |  | N |  |  |  |  | I |  |  |  |  |  | R |  |  | U |
| 10  S | C | I | E | N | T | I | F | I | C | N | O | T | A | T | I | O | N |  | M |
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|  | B |  |  |  |  |  |  |  |  | D |  |  |  |  |  | T |  |  | E |
|  | E |  |  |  |  |  | 11  C | U | B | E | R | O | O | T |  |  |  |  | R |
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|  |  |  |  |  | 13  R | A | D | I | C | A | L | S | I | G | N |  |  |  |  |
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|  |  |  | 14  R | A | T | I | O | N | A | L | N | U | M | B | E | R |  |  |  |

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| **Across**  **1.** Is a number that cannot be expressed as the ratio a over b  **6.** The common factor  **8.** A product of repeated factors  **9.** Numbers that are squares of integers  **10.** When the number is written as the product of a factor and an integer power of ten. The factor must be greater than or equal to one and less than ten  **11.** One of a numbers three equal factors  **12.** A repeating decimal where the repeating digit is zero  **13.** Indicates the principal square root  **14.** Numbers that can be written as a comparison of two integers expressed as a fraction | **Down**  **2.** Numbers that are cubes of integers  **3.** Tells how many times the base is used as a factor  **4.** The decimal form of a rational number  **5.** Is one of a numbers two equal factors  **7.** The set of rational numbers and the irrational numbers together |