R3-2 MATCH AND COMPARE SORT CARDS: PROPORTIONAL RELATIONSHIPS

I △ INDEPENDENT VARIABLE	I ○ DEPENDENT VARIABLE
II △ UNIT RATE	II ○ UNIT PRICE
III △ PROPORTIONAL RELATIONSHIP	III ○ CONSTANT OF PROPORTIONALITY
IV △ INPUT-OUTPUT RULE	IV ○ EQUATION
A △ ✓ the graph of one of these is a straight line through the origin ✓ the values of all ordered pairs are some constant multiple of the values of any other, like (2, 5), (4, 10), and (8, 20)	A ○ ✓ a statement that asserts that two expressions are equal ✓ example: 20 = 15 + 5
B △ ✓ an equation that establishes a specific output value for each input value ✓ example: $y = 2.5x$	B ○ ✓ in a proportional relationship described by the equation $y = 3x$, it is 3 ✓ The unit rate in a proportional relationship
C △ ✓ the value of a ratio ✓ example: 45 miles per hour	C ○ ✓ a variable whose value is determined by the values of the independent variable ✓ typically, the output
D △ ✓ a variable whose value may be specified ✓ typically, the input	D ○ ✓ the price for one unit of measure ✓ example: $1.10 per orange