
















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 <ul style="list-style-type: none"> ✓ 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 <ul style="list-style-type: none"> ✓ a statement that asserts that two expressions are equal ✓ example: $20 = 15 + 5$ 
B <ul style="list-style-type: none"> ✓ an equation that establishes a specific output value for each input value ✓ example: $y = 2.5x$ 	B <ul style="list-style-type: none"> ✓ in a proportional relationship described by the equation $y = 3x$, it is 3 ✓ The unit rate in a proportional relationship 
C <ul style="list-style-type: none"> ✓ the value of a ratio ✓ example: 45 miles per hour 	C <ul style="list-style-type: none"> ✓ a variable whose value is determined by the values of the independent variable ✓ typically, the output 
D <ul style="list-style-type: none"> ✓ a variable whose value may be specified ✓ typically, the input 	D <ul style="list-style-type: none"> ✓ the price for one unit of measure ✓ example: \$1.10 per orange 