

Fill out the chart below.

	Expression	Value when $x=3$ & $y=2$	Simplified	Value when $x=3$ & $y=2$
A	$x^2 + 3x - 5 + x^2 - 3x + 11$			
B	$x^2 + 2x^2 + 3x^2 + 4x^2$			
C	$2x^2 - 5 - x^2 + 5$			
D	$4x^2 + 16 - 3x^2 - 9$			
E	$x^2 + 4x - x^2 + 2x - 1$			
F	$12x - 4x$			
G	$8a - 2b + 8a + 12b - 14$			
H	$2x^2 + y^2 + 10xy + 13x^2 + 11xy + 6y^2$			
I	$3y^2 + 4x - y^2 - x + 1$			
K	$-(9 - 3x)$			
L	$16 - (-x + 10)$			
M	$12n - (7n - 2n)$			
N	$4k^2 - 2p + 11pk^2 + 6p - k^2$			
O	$11n - (10n + 6n)$			
P	$a + a + 5a$			
R	$7e - 10e$			
S	$7a - 8b + 2a + 5b + 210$			
T	$-(6 + 6x)$			
U	$6 - (-x - 10)$			

Find the simplified answers below and put the corresponding letter in the space above it.

$$\frac{-24}{18} \frac{289}{231} \frac{17}{231} \quad \frac{17}{233} \frac{231}{10} \frac{17}{231} \quad \frac{-15}{33} \quad \frac{21}{24} \frac{-24}{289} \frac{17}{21} \frac{24}{-24} \frac{18}{10} \frac{231}{231}$$

$$\frac{18}{231} \quad \frac{233}{-15} \frac{-24}{-24} \frac{-24}{-15} \quad \frac{21}{24} \frac{0}{17} \quad \frac{231}{18} \frac{21}{14} \frac{9}{17} \quad \frac{-24}{289} \frac{18}{233} \frac{54}{231}$$

$$\frac{10}{-15} \frac{21}{14} \frac{9}{18} \frac{10}{24} \frac{-24}{17} \frac{16}{16} \quad \frac{90}{19} \frac{-24}{-24} \frac{-15}{-15} \quad \frac{21}{24} \frac{0}{17}$$

$$\frac{10}{-15} \frac{21}{14} \frac{9}{18} \frac{10}{24} \frac{-24}{17} \frac{16}{16} \quad \frac{-24}{289} \frac{18}{233} \frac{54}{231} \quad \frac{231}{18} \frac{21}{14} \frac{9}{17}$$

$$\frac{231}{54} \frac{19}{16} \frac{16}{17} \frac{-9}{-9}$$

