

Secret Phrase: Partial Fractions #33

$$1. \frac{-21x + 11}{(x+1)(x-3)} = \frac{\square}{x+1} + \frac{\square}{x-3}$$

$$2. \frac{-7x + 2}{(x+4)(x-2)} = \frac{\square}{x+4} + \frac{\square}{x-2}$$

$$3. \frac{13x - 1}{(x-5)(x+3)} = \frac{\square}{x-5} + \frac{\square}{x+3}$$

$$4. \frac{-14x - 13}{(x-1)(x+2)} = \frac{\square}{x-1} + \frac{\square}{x+2}$$

$$5. \frac{7x - 19}{(x+5)(x-4)} = \frac{\square}{x+5} + \frac{\square}{x-4}$$

$$6. \frac{25x + 1}{(3x+1)(2x-3)} = \frac{\square}{3x+1} + \frac{\square}{2x-3}$$

$$7. \frac{-62x + 30}{(3x+4)(5x-2)} = \frac{\square}{3x+4} + \frac{\square}{5x-2}$$

$$8. \frac{8x^2 + 59x - 53}{(2x-5)(x+6)^2} = \frac{\square}{2x-5} + \frac{\square}{x+6} + \frac{\square}{(x+6)^2}$$

$$9. \frac{x^2 + 31x - 202}{(3x+2)(x-6)^2} = \frac{\square}{3x+2} + \frac{\square}{x-6} + \frac{\square}{(x-6)^2}$$

When finished, convert all of your number answers to letters using this table:

-13	-12	-11	-10	-9	-8	-7	-6	-5	-4	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12	13
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z

Write your secret phrase here:
