DEMO

$$\frac{5 \times - 11}{2 \times^2 + 2 - 6} = \frac{A}{2 + 2} + \frac{B}{2 \times - 3}$$

$$\Rightarrow \frac{5 \times - 11}{(x + 2)(a \times - 3)} = \frac{A(a \times - 3) + B(x + 2)}{(x + 2)(a \times - 3)}$$

$$\Rightarrow 5 \times - 11 = A(a \times - 3) + B(x + 2)$$

$$\Rightarrow 5 \times - 11 = (a + B) \times + (-3 + 4 \times B)$$
[comparing the co-efficient of x and constant term in both the sides]
$$2A + B = 5 - (1) - 3A + 2B = -11 - (11)$$

$$\Rightarrow B = 5 - 2A - (111)$$
Put the value of B = 5-2A in (ii)
$$-3A + 2(5 - 2A) = -11$$

$$-3A + 10 - 4A = -11$$

$$-7A = -21$$

$$A = 3$$
Put the value of A = 3 in (iii),
$$B = 5 - 2(3)$$

$$= 5 - 6$$

$$= -1$$

Therefore, A = 3, B = -1.

 $V = \int_{0}^{\infty} F(s) \cdot \cos \alpha \, ds$ $V = \int_{0}^{\infty} \frac{ds}{dt}$ $V = \int_{0}^{\infty} \frac{ds}{dt}$

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Solution 21
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1x2+2xy+y2 = (ax+by)2+((x+dy)2 +x,yeR

Compare Coefficient of 22

$$1^2 = a^2 + c^2$$

リメ > 1 is not a negative number

⇒ option 1 is false 3)

4) Compare Coefficient of y2

b2+d2=1

Compare Coefficient of my ab+cd=1

b, d are less than I : b2+d2=1 and greater than -1

-1 < b, d < 1

> a,c>1 (: ab+dc=1)

(: 12+ a2+c2) ۱≼۸