

## ಸರ್ಕಾರಿ ಪ್ರೋಡಕ್ಟ್ ರಾಯಲ್‌ಡ್ಯೂಡ್

ವಿದ್ಯಾರ್ಥಿ ಹೆಸರು(Name of the student)

ದ್ವಿಪದೋಕ್ತಿಗಳ ಗುಣಾಕಾರ Multiplication of Binomial By Binomial

$$(x + 2)(2x + 3) = x(2x + 3) + 2(2x + 3)$$

$$= x \cdot 2x + x \cdot 3 + 2 \cdot 2x + 2 \cdot 3$$

$$= 2x^2 + 3x + 4x + 6 \quad (3x, 4x \text{ ಸಜಾತಿ ಪದಗಳು Like terms)}$$

$$(x + 2)(2x + 3) = 2x^2 + 7x + 6$$

+ x + = +
- x - = +
+ x - = -
- x + = -

$$(x + 3)(x + 5) = \boxed{\phantom{0}} (\boxed{\phantom{0}} + \boxed{\phantom{0}}) + \boxed{\phantom{0}} (\boxed{\phantom{0}} + \boxed{\phantom{0}})$$

$$= \boxed{\phantom{0}} \cdot \boxed{\phantom{0}} + \boxed{\phantom{0}} \cdot \boxed{\phantom{0}} + \boxed{\phantom{0}} \cdot \boxed{\phantom{0}} + \boxed{\phantom{0}} \cdot \boxed{\phantom{0}}$$

$$= \boxed{\phantom{0}}^2 + \boxed{\phantom{0}} + \boxed{\phantom{0}} + \boxed{\phantom{0}}$$

$$= \boxed{\phantom{0}}^2 + \boxed{\phantom{0}} + \boxed{\phantom{0}}$$

$$(2x + 5)(x + 3) = \boxed{\phantom{0}} (\boxed{\phantom{0}} + \boxed{\phantom{0}}) + \boxed{\phantom{0}} (\boxed{\phantom{0}} + \boxed{\phantom{0}})$$

$$= \boxed{\phantom{0}} \cdot \boxed{\phantom{0}} + \boxed{\phantom{0}} \cdot \boxed{\phantom{0}} + \boxed{\phantom{0}} \cdot \boxed{\phantom{0}} + \boxed{\phantom{0}} \cdot \boxed{\phantom{0}}$$

$$= \boxed{\phantom{0}}^2 + \boxed{\phantom{0}} + \boxed{\phantom{0}} + \boxed{\phantom{0}}$$

$$= \boxed{\phantom{0}}^2 + \boxed{\phantom{0}} + \boxed{\phantom{0}}$$

$$(x + 7)(x - 2) = \boxed{\phantom{0}} (\boxed{\phantom{0}} \boxed{\phantom{0}} \boxed{\phantom{0}}) + \boxed{\phantom{0}} (\boxed{\phantom{0}} \boxed{\phantom{0}} \boxed{\phantom{0}})$$

$$= \boxed{\phantom{0}} \cdot \boxed{\phantom{0}} \boxed{\phantom{0}} \boxed{\phantom{0}} \cdot \boxed{\phantom{0}} \boxed{\phantom{0}} \boxed{\phantom{0}} \cdot \boxed{\phantom{0}} \boxed{\phantom{0}} \boxed{\phantom{0}} \cdot \boxed{\phantom{0}}$$

$$= \boxed{\phantom{0}} \boxed{\phantom{0}} \boxed{\phantom{0}} \boxed{\phantom{0}} \boxed{\phantom{0}} \boxed{\phantom{0}}$$

$$= \boxed{\phantom{0}} \boxed{\phantom{0}} \boxed{\phantom{0}} \boxed{\phantom{0}} \boxed{\phantom{0}}$$

