

Sætte uden for parentes

Udfyld som vist i eksempel:

Eksempler:

$$a \cdot x + b \cdot x = x \cdot (a + b)$$

$$x \cdot (r + t) = x \cdot r + x \cdot t$$

$$t \cdot a - 8t = t \cdot (a - 8)$$

Udfyld:

$$5 \cdot a + 5 \cdot 2 = \underline{\hspace{2cm}}$$

$$3 \cdot (n + 1) = \underline{\hspace{2cm}}$$

$$3 \cdot p - q \cdot p = \underline{\hspace{2cm}}$$

$$u \cdot m + 4u = \underline{\hspace{2cm}}$$

Eksempler:

$$6 - 3x = 3 \cdot 2 - 3 \cdot x = 3 \cdot (2 - x)$$

$$3x - x^2 = 3 \cdot x - x \cdot x = x \cdot (3 - x)$$

$$t \cdot (t^2 + 2) = t \cdot t^2 + t \cdot 2 = t^3 + 2t$$

Udfyld:

$$10x - 15 = \underline{\hspace{2cm}}$$

$$4 \cdot (3t - 2) = \underline{\hspace{2cm}}$$

$$n^2 - 4n = \underline{\hspace{2cm}}$$

$$x \cdot (x - 5) = \underline{\hspace{2cm}}$$

$$28 + 12y = \underline{\hspace{2cm}}$$

$$a^3 + a^2 - 2a = \underline{\hspace{2cm}}$$

Eksempel:

$$6x + 15x^2 = 2 \cdot 3 \cdot x + 5 \cdot 3 \cdot x \cdot x = 3x \cdot (2 + 5x)$$

Udfyld:

$$21x^3 - 49x^2 = \underline{\hspace{2cm}}$$

$$5t^2 \cdot (2t - 3) = \underline{\hspace{2cm}}$$

$$10n + 2n^3 = \underline{\hspace{2cm}}$$

$$8x - 30y + 42 = \underline{\hspace{2cm}}$$

Sæt uden for parentes, og forkort:

$$\frac{x^3 + 11x}{12x} = \underline{\hspace{2cm}}$$

$$\frac{2x - 10}{x^2 - 5x} = \underline{\hspace{2cm}}$$