

Uttryck med potenser (I)

1 Utför multiplikationerna.

a) $x \cdot x =$ _____

b) $2y \cdot y =$ _____

c) $3b \cdot b =$ _____

d) $2x \cdot 2x =$ _____

e) $4a \cdot 2a =$ _____

f) $5y \cdot 7y =$ _____

2 Skriv uttrycken utan parentes.

a) $a(a + 1) =$ _____

b) $b(b - 2) =$ _____

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

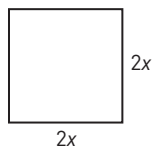
d) $x(x - 9) =$ _____

e) $3y(2y + 7) =$ _____

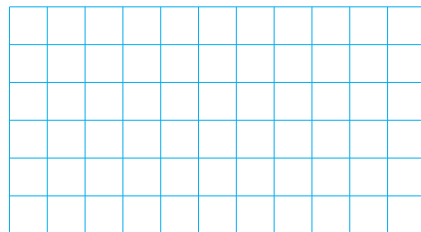
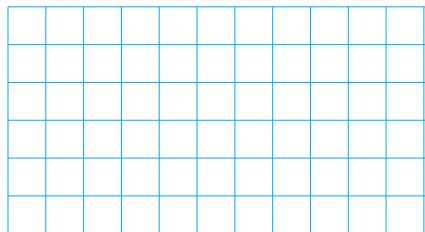
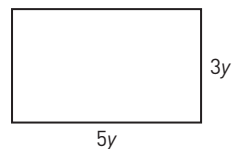
f) $6b(b + 4) =$ _____

Teckna ett uttryck för arean. Utför sedan multiplikationen och skriv uttrycken utan parentes.

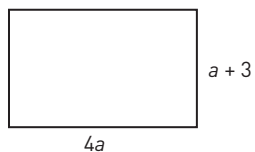
3 a)



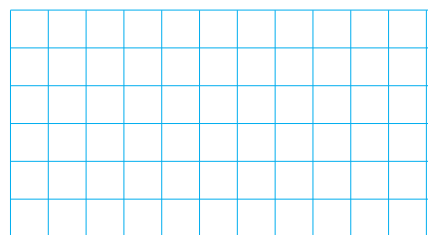
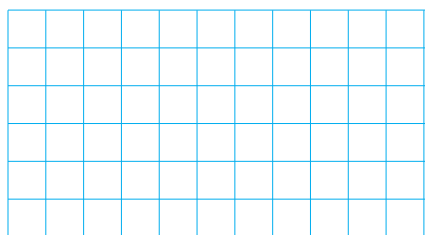
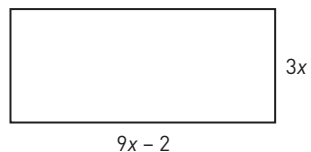
b)



4 a)



b)



UTTRYCK MED POTENSER (I)

FACIT

- 1 a) x^2
b) $2y^2$
c) $3b^2$
d) $4x^2$
e) $8a^2$
f) $35y^2$
- 2 a) $a^2 + a$
b) $b^2 - 2b$
c) $2x^2 + 3x$
d) $x^2 - 9x$
e) $6y^2 + 21y$
f) $6b^2 + 24b$
- 3 a) $4x^2$
b) $15y^2$
- 4 a) $4a^2 + 12a$
b) $27x^2 - 6x$