

## Multiplitera med parenteser

Skriv uttrycket utan parentes

1 a)  $3(x+2) = 3x+6$

b)  $2(a-3) = 2a-6$

2 a)  $5(2x+3) = 10x+15$

b)  $4(2-3a) = 8-12a$

3 a)  $6(2+5x) = 12+30x$

b)  $8(2x-3) = 16x-24$

4 a)  $x(x+5) = x^2+5x$

b)  $y(4-y) = 4y-y^2$

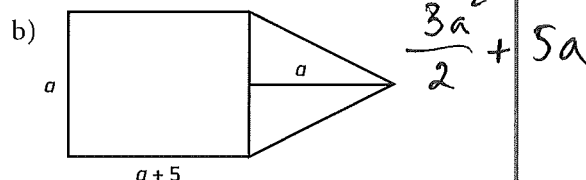
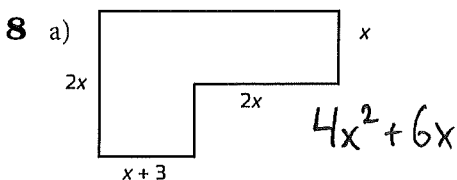
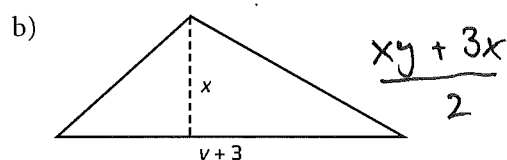
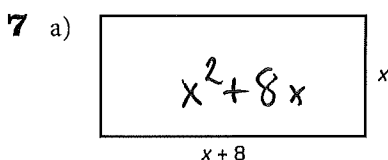
5 a)  $a(8+2a) = 8a+2a^2$

b)  $a(3a-5) = 3a^2-5a$

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

b)  $3y(y-5) = 3y^2-15y$

Skriv ett så enkelt uttryck som möjligt för arean av figurerna.



Fyll i det som saknas i rutorna.

9 a)  $\boxed{4}(x-y) = 4x-4y$

b)  $5(x-3) = \boxed{5}x-15$

10 a)  $3(\boxed{a}+b) = 3a+3\boxed{b}$

b)  $\boxed{5}(2+a) = 10+\boxed{5}a$

11 a)  $5(x+\boxed{6}) = \boxed{5}x+30$

b)  $\boxed{y}(4-3\boxed{y}) = 4y-3y^2$