

## Förenkling av uttryck

1 a)  $x + x$

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b)  $y + y + y$

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c)  $z + z + z + z$

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2 a)  $x \cdot x$

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b)  $y \cdot y \cdot y$

\_\_\_\_\_

c)  $z \cdot z \cdot z \cdot z$

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3 a)  $2x \cdot y$

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b)  $3a \cdot 2b$

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c)  $x \cdot 3y$

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4 a)  $2x + x$

\_\_\_\_\_

b)  $3a + 3a$

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c)  $9y - 3y$

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5 a)  $a^2 + a^2$

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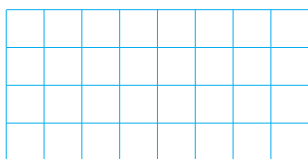
b)  $3a^2 - a^2$

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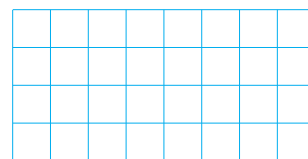
c)  $3y^2 + 7y^2$

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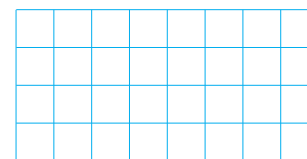
6 a)  $a + (a - b)$



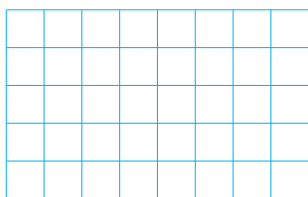
b)  $5a^2 - a^2$



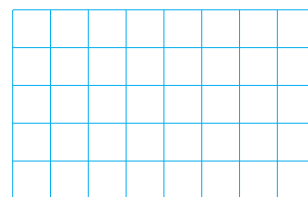
c)  $3z^2 - 4z^2$



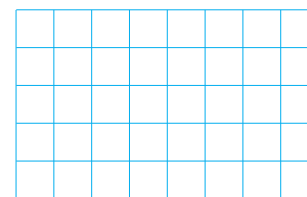
7 a)  $a(a - b)$



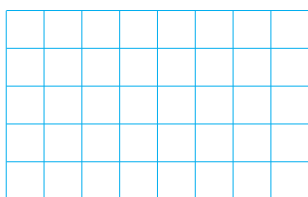
b)  $2x(2x + 3)$



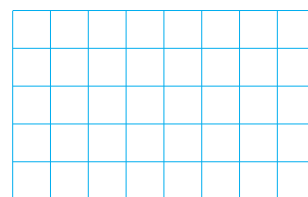
c)  $3(2a^2 - 1) + 3$



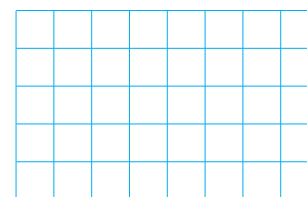
8 a)  $\frac{3y + 2y}{5}$



b)  $3xy - x(y + 1)$



c)  $2 + \frac{2a - a}{a}$



## Förenkling av uttryck

**FACIT**

- 1 a)  $2x$   
b)  $3y$   
c)  $4z$
- 2 a)  $x^2$   
b)  $y^3$   
c)  $z^4$
- 3 a)  $2xy$   
b)  $6ab$   
c)  $3xy$
- 4 a)  $3x$   
b)  $6a$   
c)  $6y$
- 5 a)  $2a^2$   
b)  $2a^2$   
c)  $10y^2$
- 6 a)  $2a - b$   
b)  $4a^2$   
c)  $-z^2$
- 7 a)  $a^2 - ab$   
b)  $4x^2 + 6x$   
c)  $6a^2$
- 8 a)  $y$   
b)  $2xy - x$   
c)  $3$