

## Simplifying Expressions

**1** Simplify these expressions.

a  $a + a + a$  .....

b  $b + b + b + b$  .....

c  $c + c + c + c + c$  .....

d  $d + d$  .....

e  $e + e + e + e + e + e$  .....

f  $f + f + f + f + f + f + f$  .....

**2** Simplify these expressions.

a  $a + 2a$  .....

b  $b + 3b$  .....

c  $c + c + 2c$  .....

d  $2d + 3d$  .....

e  $3e + 4e$  .....

f  $4f + f + 3f$  .....

**3** Simplify these expressions.

a  $2a - a$  .....

b  $3b - b$  .....

c  $4c - c$  .....

d  $5d - 2d$  .....

e  $6e - 2e$  .....

f  $8f - 3f - f$  .....

**4** Simplify these expressions.

a  $4a + 3a - 5a$

b  $6b + 2b - 3b$

c  $8c + 4c - 6c$

d  $7l + 4l - 5l$

e  $6m + 4m - 9m$

f  $5n + 2n - 7n$

g  $8p - 3p - 2p$

h  $9q - 4q - 3q$

i  $12r - 6r - 2r$

j  $7s - 2s - s$

k  $9t - 5t - t$

l  $8n - 5n - 2n$

a .....

b .....

c .....

d .....

e .....

f .....

g .....

h .....

i .....

j .....

k .....

l .....