Entraînement 1 Simplifie les expressions suivantes

A = 3a + 9a	B = 7a – 4a	C = 2a + 3a
A = 3 x a + 9 x a	B = 7 × a - 4 × a	C = 2 × a + 3 × a
A = (3 + 9) ×	B = (...... - ......) ×	C = (...... + ...) × ......
A = ...	B = ...	C = ...
D = 11a + 9a	E = 13a - 10a	F = 7a + 31a
D = ...	E = ...	F = ...
D = ...	E = ...	F = ...
D = ...	E = ...	F = ...

FACTORISATION

A = 5 × a + 2 × a

A = (5 + 2) × a

A = 7a

Entraînement 2 Réduis au maximum les expressions suivantes en regroupant les termes par familles

M = 2a + 5a + 3	N = 5a + 6 + 2a	O = 4a – 7 + 3a	P = 5 + 7a + 4a
M = 7a + 3	N = 5a + ... + 6	O = ...	P = ...
	N = ...	O = ...	P = ...
Q = 3 + 5a + 2a	R = 3 + 5a + 7 + 2a	S = 2a + 5 + 3a + 3	T = 16a + 6 + 8 – 10a
Q = ...	R = 5a + ... + 3 + ...	S = ...	T = ...
Q = ...	R = ...	S = ...	T = ...

U = 4a + 2a + 3 + 2a + 5	V = 5a – 2a + 2 + 3a + 4a – 2

W = 5 + 3a + 4b + 3a – 2a – 5 + 2a – 6a + 2	X = 6a + 5a – 4 + 4 + 2a – 8 – 2a + 88