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1.3 Factorising

N1

a) $6(x+3)$

b) $9x(3x-1)$

c) $x^2(x-4)$

N2

a) $7ab^2(1+3a)$

b) $8b(a-8b^4)$

c) $5b^2(ab^2+4a^3c+3b^3c^2)$

N3

a) $(x+3)(x+2)$

b) $(x-5)(x+2)$

c) $(x+7)(x-7)$

d) $(y-4x)(y+4x)$

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

b) $(4x+12)(x+4)$

• $4(x^2+7x+12)$

• $4(x+3)(x+4)$

c) $(2x+3)(x-1)$

N5

a) $x(1+5x)(1-5x)$

• $x(1-25x^2)$

N6

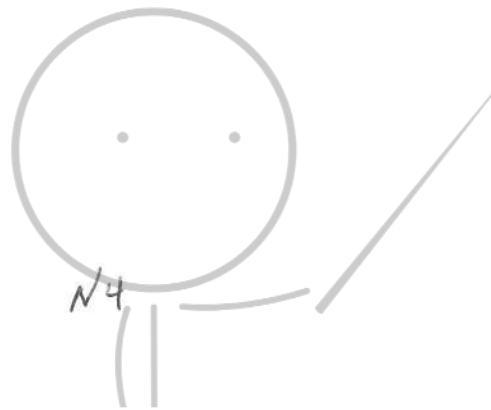
$4x(3-2x)(3+2x)$

• $4x(9-4x^2)$

N7

$4x(2x+1)(x+2)$

• $4x(2x^2+5x+2)$

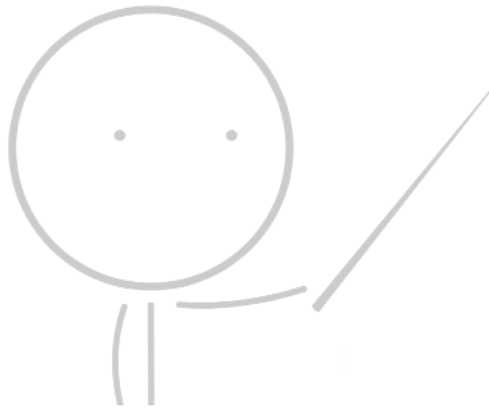


BF MATHS

$$\frac{2x(x+2)}{x+3}$$

$$\bullet \frac{2x(x^2+3x+2)}{x^2+4x+3}$$

$$\bullet \frac{2x(x+2)(x+1)}{(x+3)(x+1)}$$



BF MATHS
