Top Ten Topics

Express 70 as a product of its prime factors

2, 7, 12, 17, 22, …
a) Work out the next term in the sequence
b) Find the nth term

Find the highest common factor of 30 and 54

Simplify:

a) 7p + 2p – 9p

b) 6y + 2m – 5y - m

Find the lowest common multiple of 9 and 12

Expand:

a) 5x(2x + 3)

b) (x - 3)(x - 6)

96 Children are on a school trip, there are 7 seats in a mini bus. How many mini bus are needed?

Solve: 3x – 11 = 26

Calculate 4.23 x 2.7

Solve: 5x - 4 = 3x + 10

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