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| --- |
| My score: |
| Developing | 0-5 |
| Secure | 6-10 |
| Extending | 11-15 |

Name:

Form:

Submission date:

**Algebra homework**

1. Write an expression for the following:-
2. I started with x, double it and subtract 4

......................... (1)

1. I started with x, add 4 then multiplied the result by 3

......................... (1)

1. Factorise 4b + 12

 ……………. (1 mark)

1. Factorise completely 12*xy* + 4*x*2

……………. (2 marks)

1. Expand and simplify (*t* + 4)(*t* – 2)

……………. (2 marks)

1. Expand and simplify (*x* + *y*)(*x* + *y*)

……………. (2 marks)

1. Expand and simplify (2*t* + 4)(2*t* – 7)

……………. (2 marks)

1. Simplify
2. y x y x y x y x y x y x y

……………. (1 mark)

1. (a) *x*5 × *x*–2

.....................................................................................................................................

 (1)

(b) *y*5 ÷ *y*–2

.....................................................................................................................................

 (1)

1. Simplify (3*xy*2)4*.*

.....................................................................................................................................

 (1)