Level 3-1 Check Up Algebra

Q1MTH 3-14a

Simplify the following :-

a) $2a \times 7b$

b) $7p + 2q - p - 5q$

c) $3x^2 \times 5x$

d) $16a^2 \div 8a$

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Q2MTH 3-14a

Find the value of these expressions when x = 3, y = 2 and z = 8

a) $3y - x$

b) $y^2 - x$

c) $\frac{z - y}{x}$

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Q3MTH3-13a

The table below shows the cost of hiring a people carrier van in USA.

No. of day's hire (d)	1	2	3	4	5	6
Cost in Dollars (C)	$40	$80	$120			

a) How much will it cost to hire the van for 6 days?

b) Write down the formula for determining the cost of hiring a van in USA.

c) How much will it cost to hire a van for 20 days?

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LIVEWORKSHEETS

Q4 MTH 3-13a

Write down the missing numbers in each sequence :-

a) 2, 6, 10, 14, 18,

b) 3, 5, 8, 12, 17,

c) 1, 1, 2, 3, 5, 8, 13,

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Q5MTH 3-15a

Find the value of x in these equations :-

a) $8x + 2 = 26$

b) $9 - 2x = 7$

c) $6x = 42$

d) $9x - 1 = 53$

e) $5x - 2 = 2x + 10$

f) $\frac{1}{3}x - 5 = 3$

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Q6MTH 3-15b

I am thinking of a number. When I double it and add 10 the answer is 24

a) Construct an equation to show this information.
(Let x represent the number I'm thinking of).

b) Solve the equation to find the missing number.

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LIVEWORKSHEETS