Literal Equations: Changing the Subject of a Formula

WORKSHEET

Name: ..... Class: .....

Date: .....

MARK ____ / 18

Answer all questions. Show all your working — marks are awarded for method as well as the final answer.

1 Make x the subject: $y = 2x + 6$ (2)

2 Make x the subject: $y = 5x - 3$ (2)

3 Make b the subject: $A = \frac{1}{2}bh$ (2)

4 Make h the subject: $V = lbh$ (2)

5 Make r the subject: $C = 2\pi r$ (2)

6 Make r the subject: $A = \pi r^2$ **(3)**

7 Make x the subject: $ax = bx + c$ **(3)**

8 Make t the subject: $v = u + at$ **(2)**

TOTAL: 18 marks

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