WORKSHEET

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

Date: .....

MARK ____ / 31

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

1 Solve $x + 9 = 15$ *(one-step)* (1)

2 Solve $4x = 32$ *(one-step)* (1)

3 Solve $3x + 7 = 22$ *(two-step)* (2)

4 Solve $5x - 4 = 21$ *(two-step)* (2)

5 Solve $6x - 5 = 2x + 11$ *(both sides)* (2)

6 Solve $7x + 3 = 4x + 18$ *(both sides)* **(2)**

7 Solve $2(x + 4) = 18$ *(brackets)* **(2)**

8 Solve $5(x - 3) = 2(x + 3)$ *(brackets)* **(3)**

9 Solve $10 - 3x = 1$ *(negative x)* **(2)**

10 Solve $12 - 5x = 2x - 2$ *(negative + both sides)* **(3)**

11 Solve $\frac{x}{3} + \frac{x}{6} = 3$ *(fractions)* **(3)**

12 Solve $\frac{x}{4} - 1 = 2$ *(fractions)* **(2)**

13 A number doubled and then increased by 5 gives 23. Find it. *(word problem)* **(3)**

14 Five less than four times a number is 27. Find it. *(word problem)* **(3)**

TOTAL: 31 marks

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