Simultaneous Linear Equations (Grade 10)

WORKSHEET

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

Date: .....

MARK ____ / 24

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

1 Solve: $y = 2x$ and $x + y = 9$ **(3)**

2 Solve: $y = x + 4$ and $y = 2x + 1$ **(3)**

3 Solve: $x + y = 10$ and $x - y = 2$ **(3)**

4 Solve: $2x + y = 7$ and $3x - y = 8$ **(3)**

5 Solve: $3x + 2y = 12$ and $x - 2y = 4$ **(3)**

6 Solve: $2x + 3y = 13$ and $4x - y = 5$ **(4)**

7 What does the solution represent graphically? **(1)**

8 Three apples and two pears cost R16; one apple and one pear cost R6. Find each price. **(4)**

TOTAL: 24 marks

© Danemathics — free to print and share for classroom use.