1 Solve the simultaneous equations

$$x^2 + y^2 = 13$$

$$x = y - 5$$

(5 marks)

2 Solve the simultaneous equations

$$x^2 + y^2 = 17$$

$$y = x - 3$$

(5 marks)

3 Solve the simultaneous equations

$$x^2 + y^2 = 34$$

$$x - y = 2$$

(5 marks)

4 Solve the simultaneous equations

$$x^2 + y^2 = 20$$

$$3x = 2 - y$$

(5 marks)

5 Solve the simultaneous equations

$$x^2 + y^2 = 41$$

$$y = 2x - 3$$

(5 marks)

6 Solve the simultaneous equations
Give your answers to 3 significant figures

$$x^2 + y^2 = 20$$

$$2x + y = 3$$

(5 marks)

7 Solve the simultaneous equations
Give your answers to 3 significant figures

$$x^2 + y^2 = 27$$

$$2x - y = 3$$

(5 marks)

8 Solve algebraically the simultaneous equations

$$x^2 - 3y^2 = 13$$

$$2x + 3y = 4$$

(5 marks)

9 Solve algebraically the simultaneous equations

$$2x^2 - y^2 = 14$$

$$3x + 2y = 3$$

(5 marks)

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