Linear and Quadratic

Example:

Solve the simultaneous equations:

Test Your Understanding:

1. Solve the simultaneous equations: and

Extension:

1.

*[MAT 2012 1G]* There are *positive* real numbers and which solve the equations

for:

A) All values of ;

B) No values of ;

C) only;

D) Only

*[STEP 2010 Q1]* Given that

a) Find the values of .

b) Solve the simultaneous equations:

(Hint: Can we use the same method in (a) to rewrite the second equation?)

2.

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