Input Output Input Output

A V N O

B F O C



C Q P J

D Y Q P

E L R H

F I S E

G K T S

H Z U W

I A V M

J N W X

K B X D

L R Y T

M G Z U

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J N W X

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M G Z U

>>>CHALLENGE

a) List the integer values of *x* such that

–2  *x* < 3

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Answer ....................................................

(2)

(b) Solve the inequality

*x*2 > 64

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Answer ....................................................

(2)

(Total 4 marks)

>>>CHALLENGE

a) List the integer values of *x* such that

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(2)

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(2)

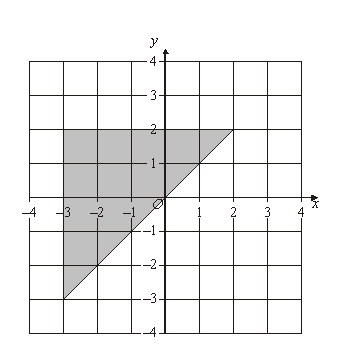
(Total 4 marks)

(a) Solve the inequality 3*x –* 5  5 – *2x*

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Answer .......................................................

(2)

(b) The region *R* is shown shaded below.

Write down **three** inequalities which together describe the shaded region.

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Answer .......................................................

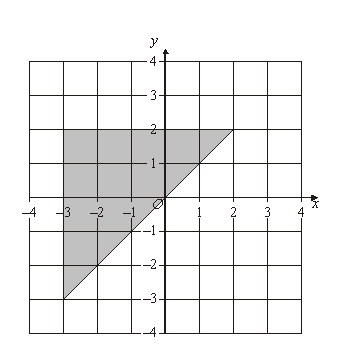
(Total 5 marks)

(a) Solve the inequality 3*x –* 5  5 – *2x*

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Answer .......................................................

(2)

(b) The region *R* is shown shaded below.

Write down **three** inequalities which together describe the shaded region.

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Answer .......................................................

(Total 5 marks)