

- 1 n is an integer such that $-2 \leq n < 3$
Write down all the possible values of n .

(Total for question 1 is 2 marks)

- 2 (a) On a number line, show the inequality $x > -3$ (2)

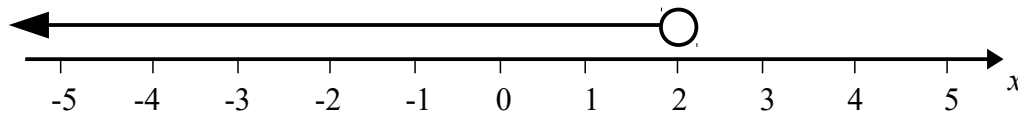
$1 \leq y < 5$ where y is an integer.

- (b) Write down all the possible values of y . (2)

- (c) Solve $4t + 7 \leq 19$ (2)

(Total for question 2 is 6 marks)

- 3 Write down the inequality shown on the number line.



(Total for question 3 is 2 marks)

- 4 (a) $-1 < n \leq 3$ where n is an integer. (2)

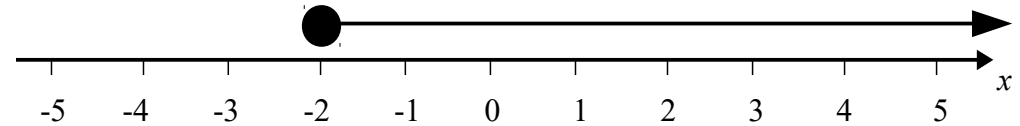
- (b) Write down all the possible values of n . (2)

- (c) Solve $2x - 5 > 8$ (2)

(Total for question 4 is 4 marks)

- 5 (a) On A number line, show the inequality $-2 < x < 4$ (2)

- (b) Write down the inequality shown on the number line. (2)



(Total for question 5 is 4 marks)

- 6 (a) On A number line, show the inequality $n < 2$. (2)

$4 \leq y < 8$ where y is an integer.

- (b) Write down all the possible values of y . (2)

- (c) Solve $4x + 6 \leq x + 21$ (3)

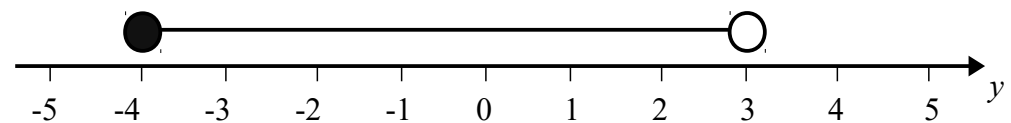
(Total for question 6 is 7 marks)

- 7 Solve $4x \leq x + 6$

Show your answer on a number line.

(Total for question 7 is 3 marks)

- 8 Write down the inequality shown on the number line.



(Total for question 8 is 2 marks)

9 (a) On a number line, show the inequality $x + 1 \leq 4$ (2)

$5 < 2y < 12$ where y is an integer.

(b) Write down all the possible values of y . (2)

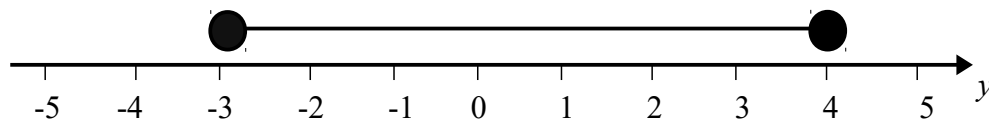
(c) Solve $4 > 19 - 3x$ (2)

(Total for question 9 is 6 marks)

10 n is an integer such that $-8 < 3n < 10$
Write down all the possible values of n .

(Total for question 10 is 2 marks)

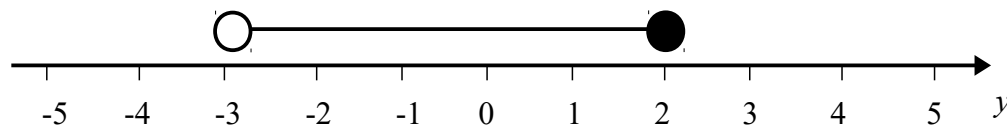
11 Write down the inequality shown on the number line.



(Total for question 11 is 2 marks)

12 (a) On a number line, show the inequality $-4 < n \leq 5$ (2)

(b) Write down the inequality shown on the number line. (2)



(Total for question 12 is 4 marks)

13 Solve $2(3n - 5) > 12$

(Total for question 13 is 2 marks)

14 n is an integer such that $-3 < 2n < 6$
Write down all the possible values of n .

(Total for question 14 is 2 marks)

15 Solve $3(n + 1) < 24$

(Total for question 15 is 2 marks)

16 Solve $4(2x + 1) > 9$

(Total for question 16 is 2 marks)

17 (a) On a number line, show the inequality $-3 \leq x + 2 < 2$ (3)

$1 \leq 2y - 3 < 9$ where y is an integer.

(b) Write down all the possible values of y . (3)

(c) Solve $4x - 4 \leq 7x - 19$ (3)

(Total for question 17 is 9 marks)