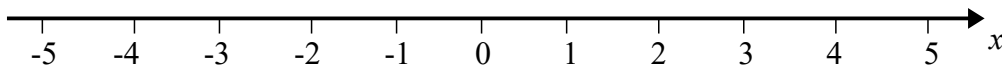


- 1  $n$  is an integer such that  $-2 \leq n < 3$   
Write down all the possible values of  $n$ .

(Total for question 1 is 2 marks)

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

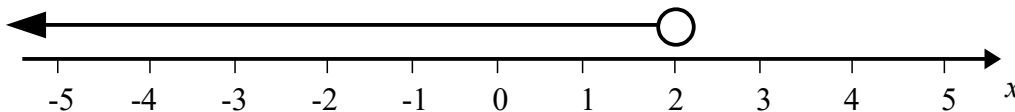


- (b)  $1 \leq y < 5$  where  $y$  is an integer.  
Write down all the possible values of  $y$ . (2)

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

(Total for question 2 is 6 marks)

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



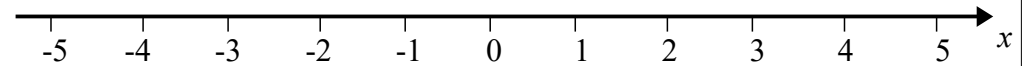
(Total for question 3 is 2 marks)

- 4 (a)  $-1 < n \leq 3$  where  $n$  is an integer.  
Write down all the possible values of  $n$ . (2)

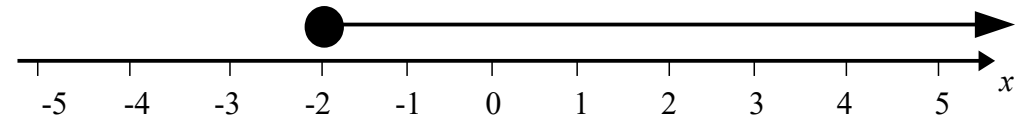
- (c) Solve  $2x - 5 > 8$  (2)

(Total for question 4 is 4 marks)

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

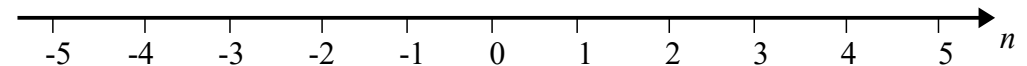


- (b) Write down the inequality shown on the number line. (2)



(Total for question 5 is 4 marks)

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

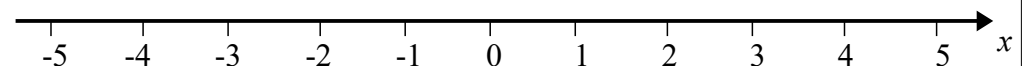


- (b)  $4 \leq y < 8$  where  $y$  is an integer.  
Write down all the possible values of  $y$ . (2)

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

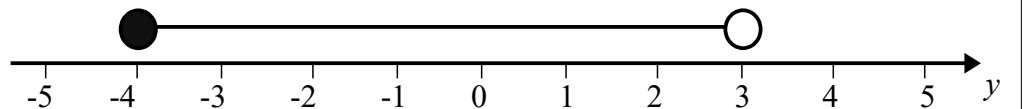
(Total for question 6 is 7 marks)

- 7 Solve  $4x \leq x + 6$   
Show your answer on a number line.



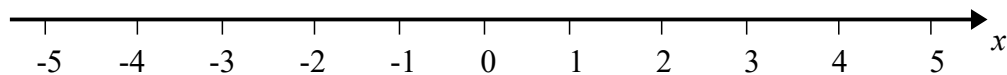
(Total for question 7 is 3 marks)

- 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)



- (b)  $5 < 2y < 12$  where  $y$  is an integer.  
Write down all the possible values of  $y$ . (2)

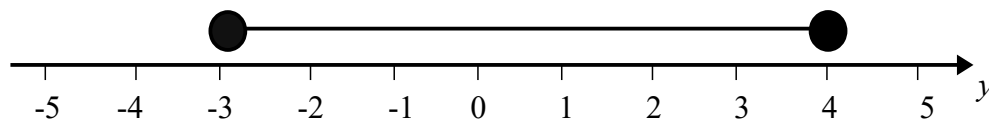
- (c) Solve  $4 > 19 - 3x$  (2)

(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)

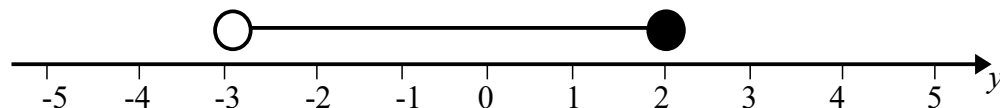
- 11 Write down the inequality shown on the number line.



(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)

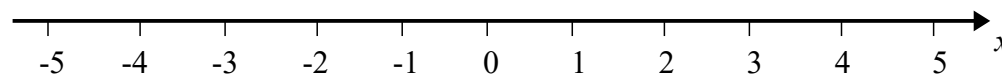
- 15 Solve  $3(n + 1) < 24$

(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)



- (b)  $1 \leq 2y - 3 < 9$  where  $y$  is an integer.  
Write down all the possible values of  $y$ . (3)

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

(Total for question 17 is 9 marks)