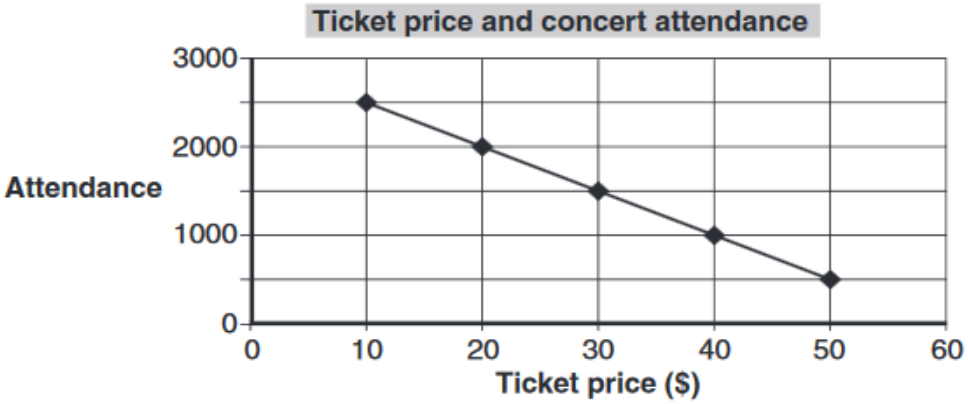
Question 1

Jack drew this graph to show how attendance at concerts is related to ticket price.

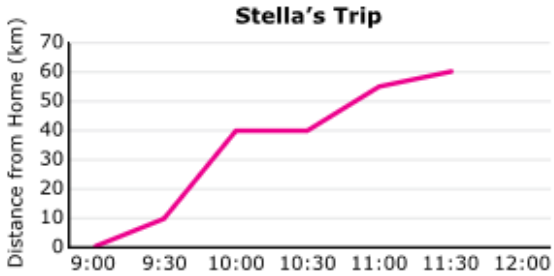


Which statement best describes the graph?

(A) As the ticket price goes up, attendance goes down
(B) As the ticket price goes up, attendance goes up
(C) As the ticket price goes down, attendance goes down
(D) As the ticket price goes down, attendance stays the same

Question 2

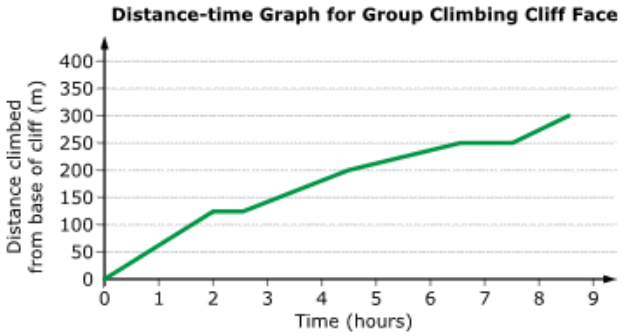
Stella spent 2.5 hours running errands during her holidays. During which times was she travelling the fastest?



(A) 9.30am – 10am
(B) 10am – 10.30am
(C) 11.30am – 12pm
(D) 11am – 11.30am

Question 3

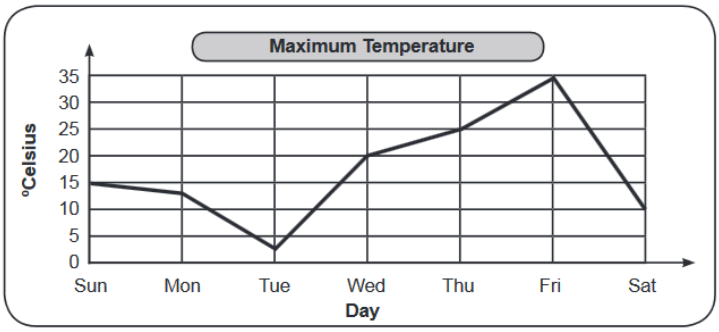
The distance-time graph below shows the time taken for a group of climbers to scale a cliff face. How many hours were actually spent climbing upwards?



(A) 7 hours
(B) 7.5 hours
(C) 8.5 hours
(D) 9 hours

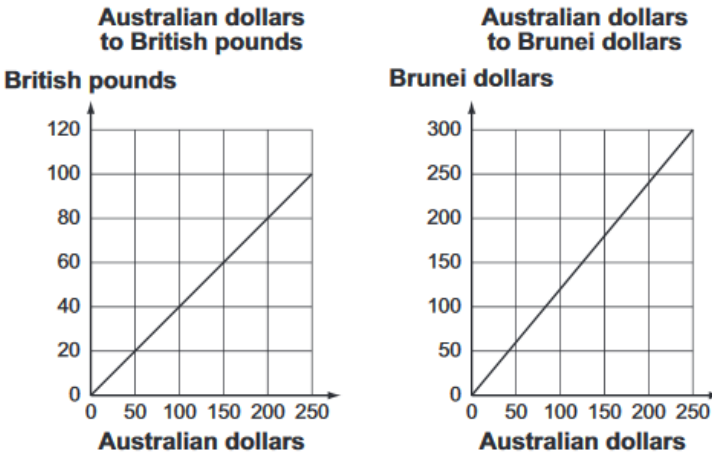
Question 4

What was the maximum temperature on Monday?



(A) 15 °C
(B) 10 °C
(C) 11 °C
(D) 13 °C

Question 5

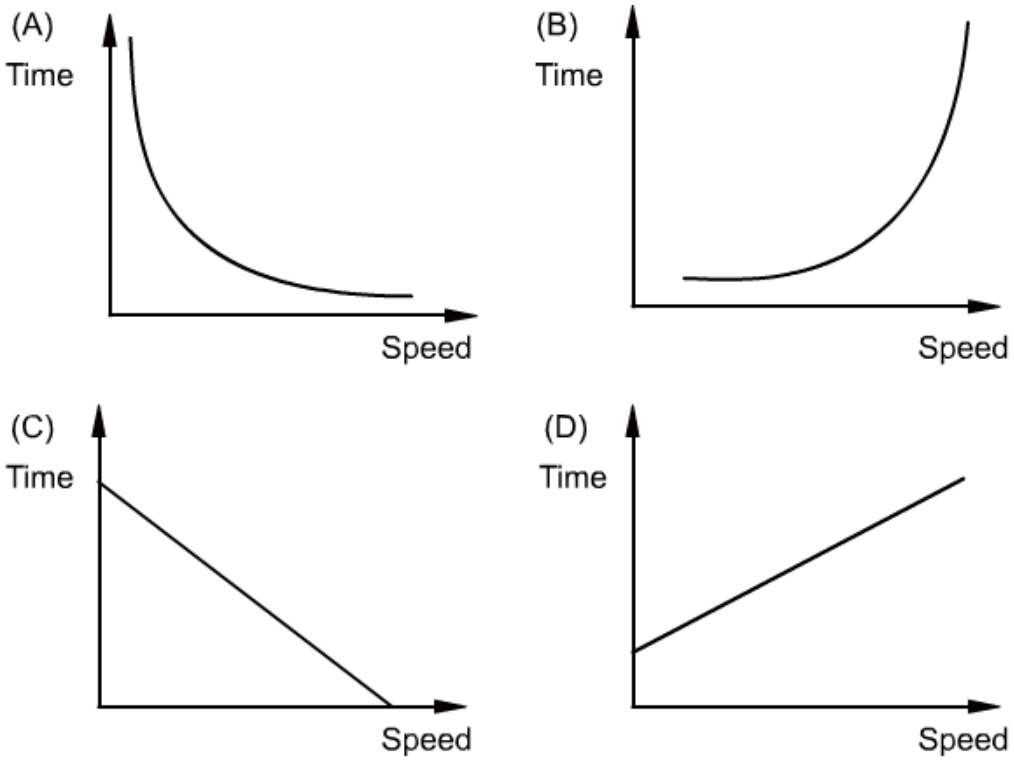


How many Brunei dollars are equal in value to 50 British pounds?

(A) 50 (B) 60 (C) 125 (D) 150

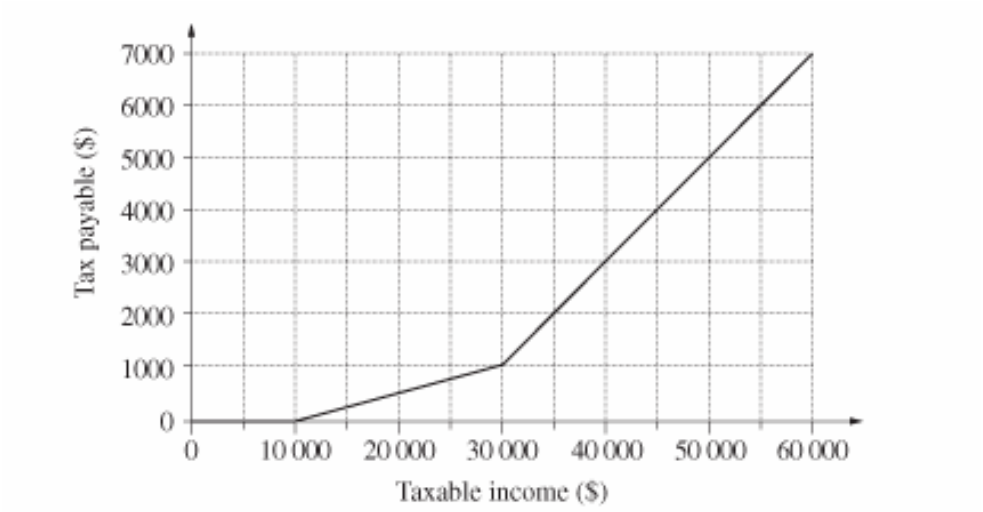
Question 6

Which of the following graphs shows how a car's travel time changes with it's speed?



Question 7

The graph shows the tax payable for taxable incomes up to $60,000 in a proposed tax system.

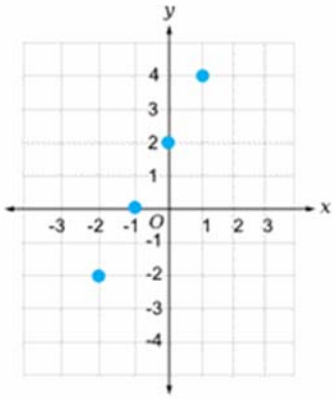


How much of each dollar earned over $30,000 is payable in tax?

(A) 10 cents
(B) 12 cents
(C) 20 cents
(D) 23 cents

Question 8

Which table is correct according to the graph?



(A)

x	-2	-1	0	1
y	-2	0	2	4

(B)

x	-2	-1	2	4
y	-2	0	0	1

(C)

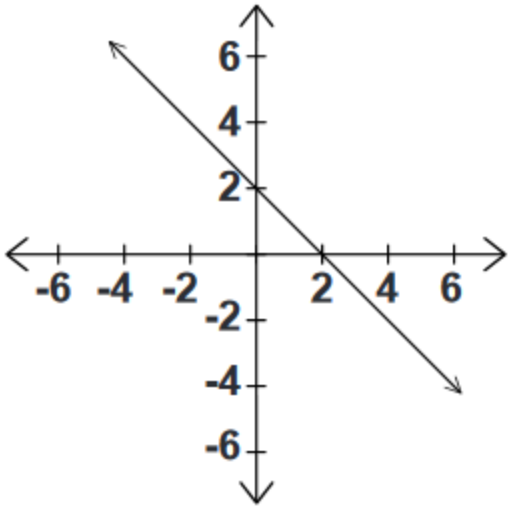
x	-2	-1	0	1
y	-2	1	2	4

(D)

x	-2	0	2	4
y	-2	-1	0	1

Question 9

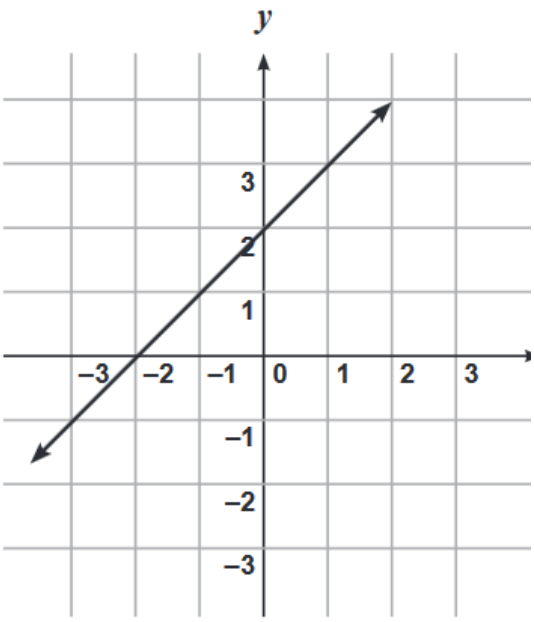
The equation of the line is:



(A) $y = x + 2$
(B) $y = -2x$
(C) $y = 2x$
(D) $y = -x + 2$

Question 10

Which rule describes the graph?



(A) $y = x + 2$
(B) $y = -x - 2$
(C) $y = -x + 2$
(D) $y = x - 2$

Question 11

What is the rule relating the values shown in the table?

x	2	3	4	5	6
y	1	3	5	7	9

(A) $y = 2x + 3$
(B) $y = 3x + 2$
(C) $y = 2x - 3$
(D) $y = 3x - 2$

Question 12

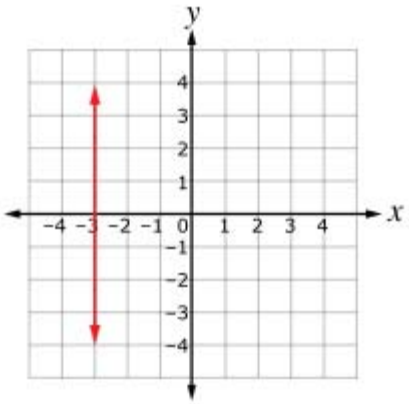
What is the rule relating the values shown in the table?

x	2	3	4	5	6
y	8	11	14	17	20

(A) $y = 2x + 3$
(B) $y = 3x + 2$
(C) $y = 2x - 3$
(D) $y = 3x - 2$

Question 13

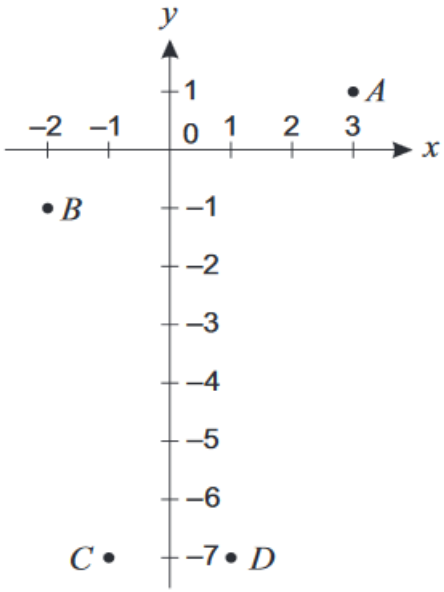
What is the equation of the straight line?



(A) $x = 3y$
(B) $y = 3x$
(C) $x = -3$
(D) $y = -3$

Question 14

The graph of $y = 2x - 5$ will be drawn on this grid.



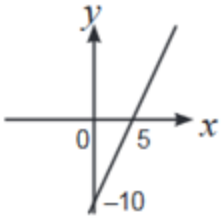
Which two points will the straight line pass through?

(A) *A* and *B*
(B) *B* and *C*
(C) *B* and *D*
(D) *A* and *C*

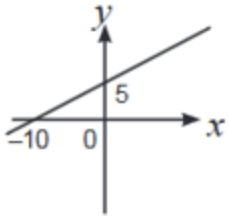
Question 15

Which one of the following graphs represents $x + 2y = 10$

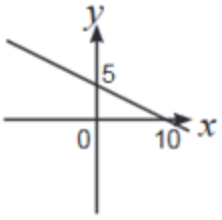
(A)



(B)



(C)



(D)