

Question Bank

Bank 14

- 1 If 200% of a number is 200 find tis number?
- A 50 B 400
 C 150 D 100

Find the value of x where

- 2 $\frac{1}{2x + 1} = \frac{1}{x + 2}$
- A 4 B -1
 C 1 D 3

A perimeter of a rectangle is 48cm if we subtract 2 from width and we add to the length 2 it become a square, what's the area of the square?

- 3
- A 44 B 64
 C 144 D 169

- 4 If a 0.004 liter container is used of fill a 4 liter container how often should it be used?
- A 400 B 3000
 C 1000 D 1500

Let k natural number,

5 $9^k - 8^k = 1$

compare

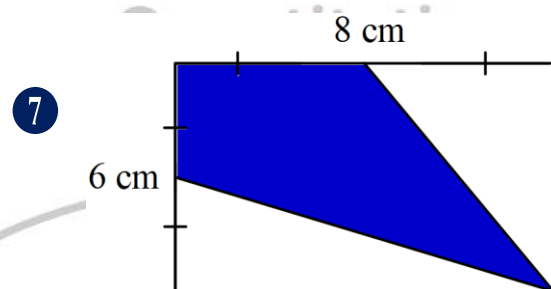
(A)	(B)
The value of k	1

- A A B B
 C equal D not enough information

6 If $\frac{x^2+1}{x} = \frac{x^2+1}{x}$, find x

- A 1 B -1 or 1
 C 0 D All real number except zero

Find the area of the shaded?

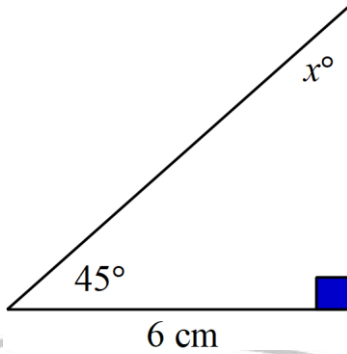


- A 20 B 24
 C 36 D 48

1	2	3	4	5	6	7
D	C	C	C	C	D	B

If the area of a triangle is 18 cm^2 find the angle of x

8



- A 20° B 30°
 C 45° D 60°

A man buys an item for 12000 riyals and sells it for 14000 riyals. Then he buys it again for 16000 riyals and sells it for 18000 riyals, which of the following is correct?

9

- A Loss 4000 B Profit 4000
 C Loss 6000 D Profit 6000

Find the 103^{rd} term in the repeating number 195731957319573.....

10

- A 1 B 9
 C 5 D 7

11 Compare

(A)	(B)
$\sqrt{0.81}$	0.9

- A A B B
 C equal D not enough information

12

compare

(A)	(B)
168 notes of 5sr	45 notes of 20sr

- A A B B
 C equal D not enough information

13 Compare

(A)	(B)
101×27	102×26

- A A B B
 C equal D not enough information

14 Compare

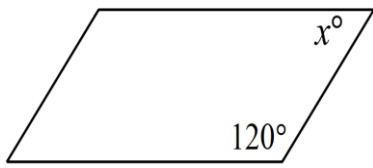
(A)	(B)
$\frac{1.123}{0.412}$	4

- A A B B
 C equal D not enough information

8	9	10	11	12	13	14
C	B	C	C	B	A	B

Find x in a parallelogram

15



- A 40° B 60°
- C 120° D 90°

16

If a car drives 30 minutes for 30 km find the speed

- A 30 km/h B 60 km/h
- C 120 km/h D 80 km/h

17

There are 100 students, 52 study math and 72 study physics. How many study both?

- A 24 B 44
- C 22 D 20

18

Let $\blacksquare = 5 * them$ $\frac{\blacksquare + *}{2 *} =$

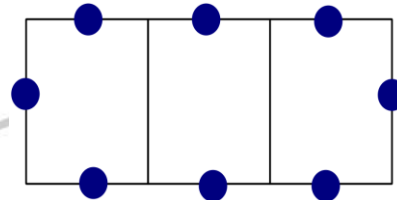
- A 2 B 3
- C 4 D 5

If 8 students are seated at 3 tables as shown in the figure

how many students can be

19

seated at 13 tables



- A 26 B 28
- C 20 D 30

20

Let $\frac{9}{x} = y$ the remainder is 2,

find x

- A 5 B 6
- C 7 D 9

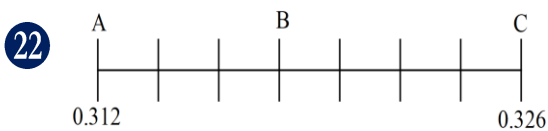
21

Let $7^{3x} = 7^{15}$ find x

- A 5 B 2
- C 7 D 3

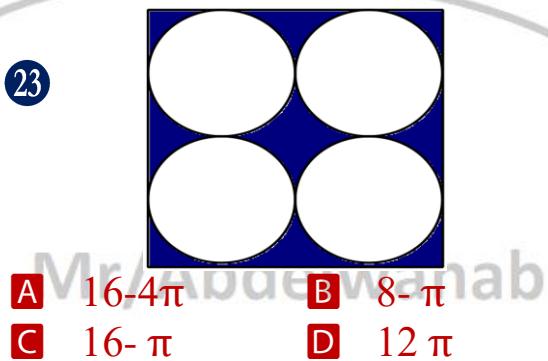
15	16	17	18	19	20	21
B	B	A	B	B	C	A

Find B



- A** 0.314 **B** 0.316
- C** 0.318 **D** 0.325

If the side of a square is 4cm



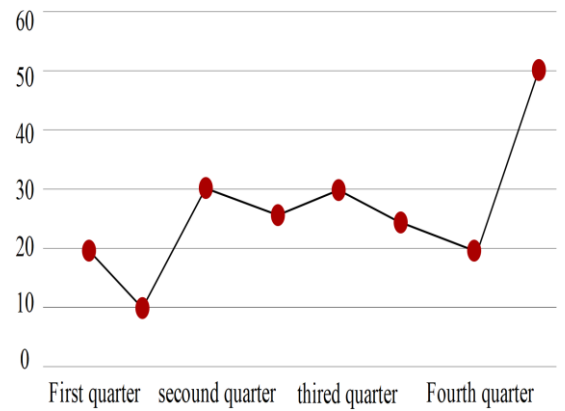
- A** $16 - 4\pi$ **B** $8 - \pi$
- C** $16 - \pi$ **D** 12π

If Mohamed spent twice as much as Khaled and the total amount they spent was 111sr, how much did Khaled spend?

- A** 33 **B** 37
- C** 74 **D** 25

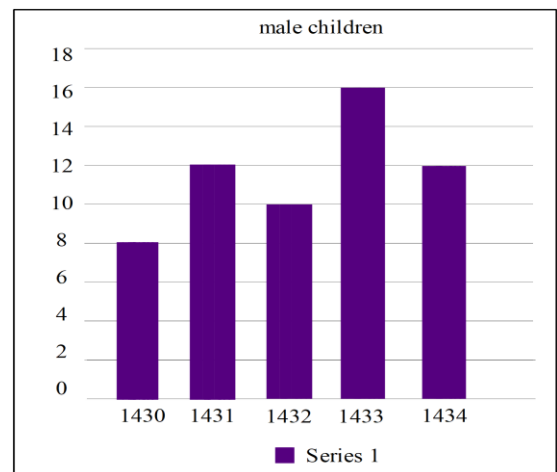
The competition started at 10:00 a.m. ended with the arrival of the last runner at 11:41. The first runner arrived at 11:31, and Ahmed arrived halfway between the first and the last. At what time did he arrive?

- A** 11:30 **B** 11:36
- C** 11:34 **D** 11:35



In which quarter was the highest production?

- A** First quarter **B** Second quarter
- C** Third quarter **D** Fourth quarter

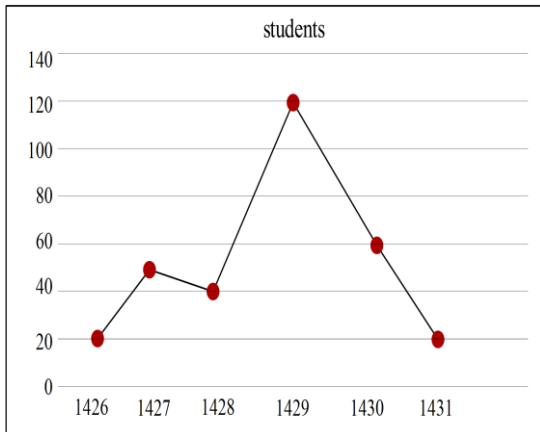


Find average number of male children in the years 1430, 1431, and 1433?

- A** 10 **B** 12
- C** 14 **D** 15

22	23	24	25	26	27
C	A	B	B	D	A

28

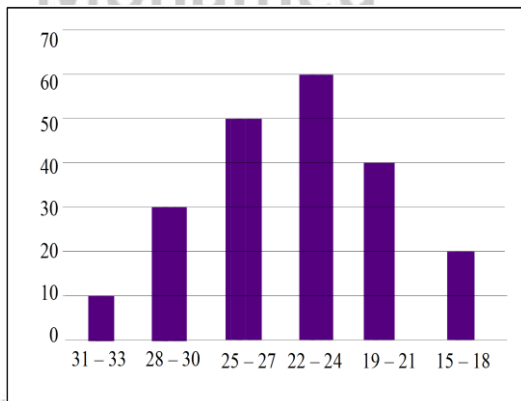


Find the difference if the number of students between the year 1429 and 1428?

- A 60 B 70
C 75 D 80

The graph shows the average fuel consumption of 210 cars in kilometers per gallon.

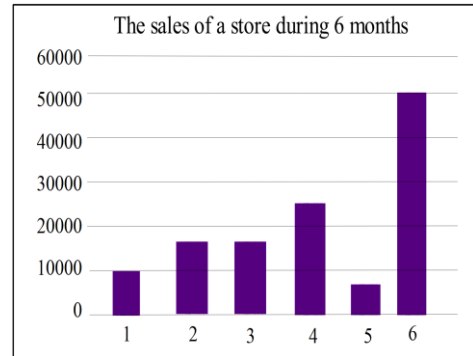
29



Find the number of cars that consume one gallon of fuel to cover 22-24 kilometers?

- A 20 B 40
C 60 D 50

30



How much should the store's sales be in the 7 months so that the total sales for the 7 months become 200.000 riyals?

- A 80000 B 90000
C 120000 D 150000

31

If $xy = c$, $xc = y$

Compare

(A)	(B)
C	$y - x$

- A A B B
C equal D not enough information

32

The weight of an empty water tank is 550 kg. if the tank is filled to a quarter, its weight becomes 750kg how much does it weight if it is half full?

- A 850kg B 950kg
C 750kg D 1000kg

28	29	30	31	32
D	C	A	D	B

If the ratio between

33 $x : x^2 = 2:20$, what is the value of x

- A 5 B 10
- C 15 D 20

20 parents were asked how many children they had.

34 Which number would change the range?

3	1	4	6
1	5	3	2
3	6	1	5
2	3	5	3
6	4	2	4

- A 1 B 3
- C 4 D 7

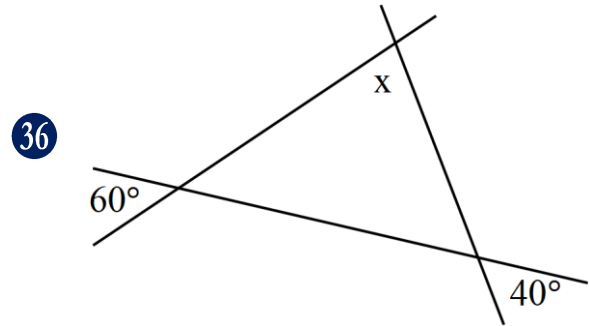
If A, B, C, D, E are natural numbers in ascending order compare

35

(A)	(B)
$C \times E$	$B \times D$

- A A B B
- C equal D not enough information

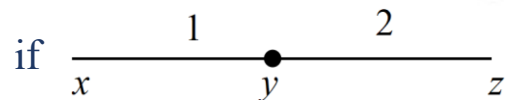
Find the value of x



- A 40° B 60°
- C 80° D 100°

Find the value $\frac{xz+xy}{yz}$

37 if $yz = 2xy$



- A 2 B 3
- C 4 D 1

If the area of smaller circle is 9π and the area of large circle is 25π compare

38

(A)	(B)
The area of large circle	4 time the area of small circle

- A First value is greater
- B Second is greater
- C equal
- D not enough information

33	34	35	36	37	38
B	D	A	C	A	C

If $(7^x)^3 = 7^{15}$

39

Find the value of x

- A 15 B 3
- C 5 D 7

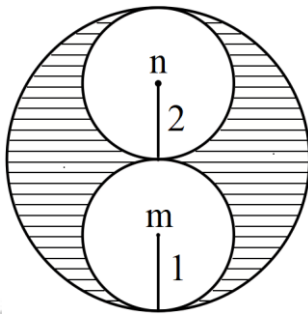
40

Which of the following has the largest perimeter

- A a square with side 6
- B An equilateral triangle with side 9
- C A rectangle with length 8 cm, width 6 cm
- D A circle with radius 4 cm

Find the ratio of between the areas of small circle and the area of shaded region

41



- A $\frac{1}{4}$ B $\frac{1}{5}$
- C $\frac{1}{3}$ D $\frac{1}{6}$

42 Compare

(A)	(B)
First value $33^2 + 44^2$	Second values 77^2

- A First value is greater
- B Second is greater
- C equal
- D not enough information

Which of the following is

43

Prim number

- A 101 B 111
- C 110 D 120

The following table represents the number of students and their scores on the mathematics test?

Marks	4	5	6	7	8	9	10
Number of students	2	5	3	2	3	4	1

(1) The number of students who got more than 7 marks is?

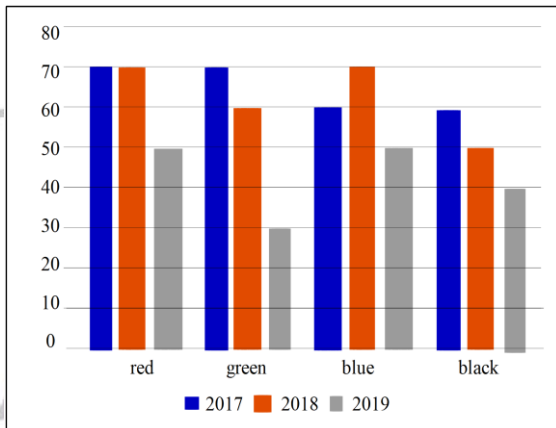
- A 6 students B 7 students
- C 8 students D 10 students

39	40	41	42	43	44
C	C	A	B	A	C

45 If $x^9 \cdot x^9 \cdot x^9 \cdot x^9 = (x^9)^y$
Find y

- A 2 B 9
C 4 D 3

46



Find the mean of the year 2017 for all colors?

- A 70 B 65
C 45 D 80

A woman bought 3 bottles of perfume, and the price of the second was half of the first,

47 and the third was a quarter of the first, and she paid 700 riyals. How much is the price of the first?

- A 500 B 400
C 300 D 600

if the perimeter of the triangle is 24 , which the sides are

48 $x, x+2, x+4$

Find the area of a triangle

- A 24 B 33
C 12 D 36

45	46	47	48
C	B	B	A