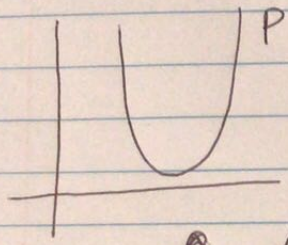
1. $\begin{cases} \frac{3}{a} - \frac{b}{14} = \frac{1}{5} \\ \frac{a}{15} = \frac{2}{b} \end{cases}$

Q. $\frac{a}{b} = \square$

2. 

circle. C intersets wl parabola

	A	B
# of intersects		2

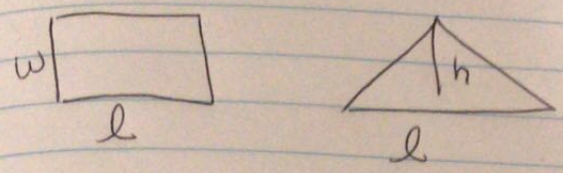
3. give (0, 1) (2, 3) (3. 4) (4, 7) points on $y=f(x)$
ask $3f(2)+1 = ?$

4. probability of event $a = 0.63$
$b = 0.47$.

A. probability of Neither A or B.
B. 0.45

5. ~~If~~ l intersets ~~0.6~~ x at 6.
~~and pass a point~~
the into you can find ~~step~~ y intersets at (0, 5)
ask the area of the triangle formed by line l.

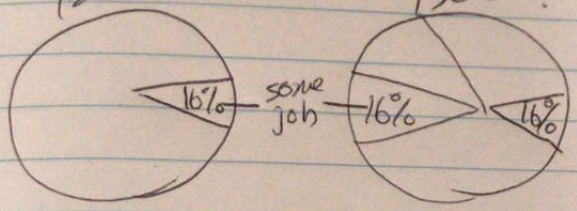
6



A. ~~h~~ h

B. 2w.

7. 1200



1300.

- ☐ I do not remembe ^^!
- ☐ # of people (some jobs) are equal.
- ☐

8. $0 < k < x < k+2$.

k is not integer, x is integer

A. x.

B. k+1

9. Bottle 1. fill $\frac{1}{2}$, water Bottle 2 fill $\frac{1}{3}$. water

then pour Bottle 1 & 2 into Bottle r.

what is the ratior r filled w/ water.

10. ~~10 25~~

Set $S = \{1, 2, 3, 4\}$.

choose two number from Set S.

to form two digit #, digits are different

~~Other~~ How many ways?

11. class 5 girls 5 Boys.

A

~~# of way~~

probability of choose 1 girl 1 boy.

B

$\frac{1}{2}$.

12.

x	$y = f(x)$
	n
2	$\frac{3}{3}$
4	$-\frac{1}{3}$
6	3.

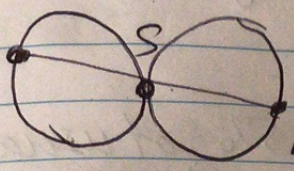
find $f(1) = ?$

13. $20! - 19! = ?$

14. ~~50~~ teacher choose group of 2 or group 3 from 5 students, How many ways?

15 A. 100^{-2} B. 2^{-100}

16. A $5^5+5^5+5^5+5^5+5^5$ B 5^6.

17 

two same circle intersets at. T is on one circle and R is on another.

A distance TR B. circumference of one circle.

18. least of $3^x + 3^{-x}$, ~~least value 0~~
$= ?$

A B.

19. $20! + 19! + 18!$ $400(18!)$

20. totalk 11 different #.
least 6 sum is 36, greatest 6 sum is 12

total sum is 149

what is the median?

A

21 $x+y=17$

$x+z=17$

$y+z=17$.

A x. B y.

22. ticket price

1st time decrease 12.5% of usual

2nd increase 20% of 1st time

How much increase from 2nd to usual

23. ~~buy~~ buy 300 unit 东西. price #d/unit

sell the first 200 as 1.5d/unit

then sell x as 1.25d/unit

then ~~the~~ the total profit ~~$ cost~~ is 1.3d

~~#of~~ / what is # of x?

1. $ab = 30$. 原题没有说是 integer，但是
我就直接代数进去
觉得 a, b 一个 5，一个 6

如果 $a=6$ $b=5$

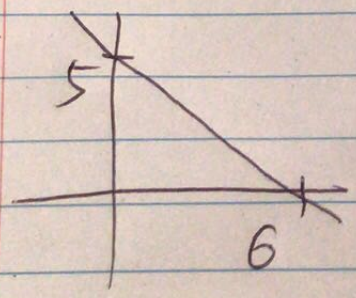
then $\frac{3}{6} - \frac{5}{14} = \frac{1}{7}$

then $\frac{a}{b} = \frac{6}{5}$

2. # of interseats of parabola with circle could be.
0, 1, 2, 3. 4 vs. 2
so. Answer. D. can not determined

3. $3f(2)+1 = 3(3)+1 = 10$

4. Neithe A or B = 0.37 vs. B 0.45
看 Neither A or B
1-0.63 1-0.47
=0.37 =0.53
(B大)

5 

$\frac{1}{2} \cdot 6 \times 5 = 15$

还有一道类似的题问 slope.

6. (C) A=B

7. 原题是图3问题
最后一问匹配.
都是问 # of people, 不是%,
一定注意看

8. D. 不一定
最好代数#去

9. A. $\frac{\frac{1}{2}m+\frac{1}{3}n}{r}$

10. 4×3.=12
这题是对比.
所以答案(B大)

A $\frac{B}{14}$.

11. (A)大. B than C $\frac{1}{2}\times\frac{5}{9}$ / A than B. $\frac{1}{2}\times\frac{5}{9}$ $\Rightarrow \frac{5}{9}$.

12. $f(1)=\frac{11}{3}$. 答案是这个/题不一定对.

13. 19·19!

14 $5C_2+5C_3=20$

15. (A大)

16. C equal

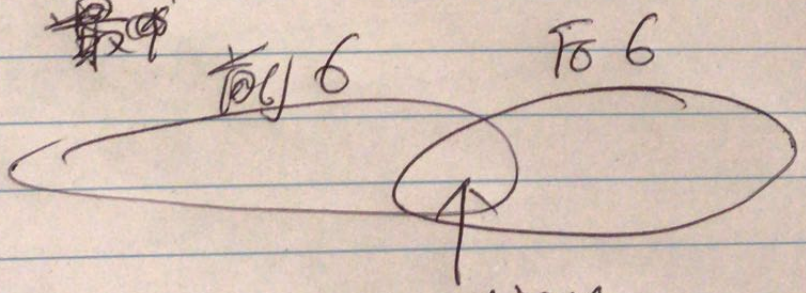
17. B大
TR最大 = 4r.

circumferen
= 2πr.
≈ 6r

18 (2) when x=0

19 (C equal)

20 ~~149~~
36+125-149 之类的
~~最小~~

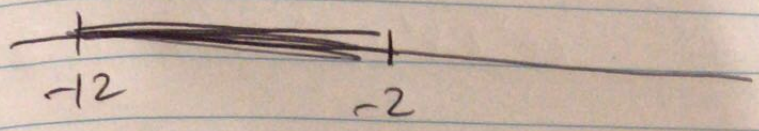


21 equal (C)

22. 5%

23. 200(1.5d) + 1.25x = 300 × 1.3d
x = 72?

24. Question



equation:

Answer.

$|x+7| \leq 5$

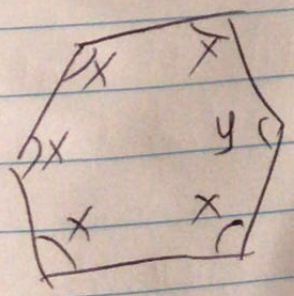
25. A $(x+y)^2$ $xy<0$ B $(x-y)^2$

解答 B大

26. A x^2+y^2 $xy<0$. B $(x-y)^2$

解答 B大.

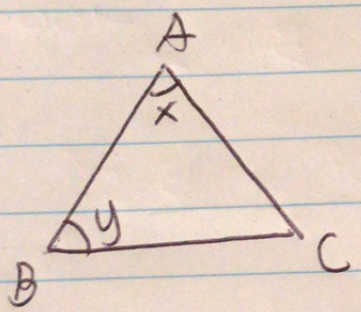
27



A $x=115$ B y

Answer B大

28.



AB = AC.

then y = ?

Answer $y = \frac{180-x}{2}$.

29. $\sqrt{x^2} = 9$

A $|x|$ B 3

答案 ~~|x|~~ ~~3~~ ⓒ equal

这题不选C！