PERCENTAGE

- 1. If salary of A is 20% more than salary of B, then salary of B is what % less than A?
 - (1) $16\frac{2}{3}\%$
- (2) 20%
- (3) 25%
- (4) $15\frac{4}{5}\%$
- (5) None of these
- 2. If the sides of a square are increased by 25%, then what will be the effect on its area?
 - (1) 20%
- (2) 10%
- (3) 21%
- (4) 25%
- (5) None of these
- 3. If the sides of a square field are increased by $33\frac{1}{3}\%$, then what will be the effect on its perimeter?
 - (1) 43%

(2) $33\frac{1}{3}\%$

- (3) 62%
- (4) 41%
- (5) None of these
- 4. If the sides of a cube are increased by 30%, then what will be the effect on its volume?
 - (1) 69%
- (2) 119.7%
- (3) 26%
- (4) 52%
- (5) None of these
- 5. If the length of a rectangle is increased by 25% and breadth is increased by 20%, then what will be the effect on its area?
 - (1) 45%

(2) 50%

(3) 44%

- (4) 42%
- (5) None of these
- 6. If the length of rectangle is increased by 20% while breadth is decreased by 10%, then what will be the effect on its area?
 - (1) 10%
- (2) 12%
- (3) 8%
- (4) 9%

- (5) None of these
- 7. If the length of rectangle is increased by 40%, then by what % breadth shall be decreased in order to have the original area?
 - (1) $28\frac{4}{7}\%$
- (2) 60%
- (3) 40%
- (4) $32\frac{5}{7}\%$
- (5) None of these
- 8. In a competitive examination in State A, 6% candidates got selected from the total appeared candidates. State B had an equal number of candidates appeared and 7% candidates go selected with 80 more candidates got selected than A. What was the number of candidates appeared from each state?
 - (1) 8000
 - (2) 8400
 - (3) 7680
 - (4) Cannot be determined
 - (5) None of these
- 9. The price of a car is Rs. 3,25,000. It was insured to 85% of its price. The car was damaged completely in accident and the insurance company paid 90% of the insurance. What was the difference between the price of the car and the amount received?
 - (1) Rs. 32,500
- (2) Rs. 28, 750
- (3) Rs. 76,375
- (4) Rs. 81,250
- (5) None of these
- 10. Sameer spends 24% of his monthly income on food and 15% on the education of his children. Of the remaining salary, he spends 25% on entertainment and 20% on conveyance. He is now left with Rs. 10,736. What is the monthly income of Sameer?
 - (1) Rs. 27,600
- (2) Rs. 28,000
- (3) Rs. 31,200
- (4) Rs. 32,000



- (5) None of these
- 11. 405 sweets are distributed equal among children in such a way that the number of sweet received by each child is 20% of the total number of children. How many sweets did each child receive?
 - (1) 50

(2) 42

(3) 45

- (4) 40
- (5) None of these
- 12. In a recent survey, 40% houses contained two or more people. If in houses containing only one person, 25% were having only a male, then what is the percentage of all houses, which contains exactly one female and no males?
 - (1) 15%
 - (2) 40%
 - (3) 75%
 - (4) cannot be determined
 - (5) None of these
- 13. The price of a D.V.D. is decreased by 25% as a result of which the sale increased by 20%. What will be the effect on total revenue of shop?
 - (1) No effect
- (2) 5% increase
- (3) 10% decrease
- (4) 5% increase
- (5) None of these
- 14. If the tax on a commodity is increased by 25% as a result it's sale decreases by 20%, then what will be the effect on revenue?
 - (1) No effect
- (2) 5% decrease
- (3) 10% increase
- (4) 5% increase
- (5) None of these
- 15. The total population of a village is 5000. The number of males and females increases by 10%, and 15% respectively and consequently the population of the village become 5600. What was the number of males in the village?
 - (1) 2000
- (2) 2500
- (3) 3000
- (4) 4000
- (5) None of these
- 16. Milk contains 5% water. What quantity of pure milk should be added to 10 liters of milk to

reduce this to 2%?

- (1) 10 lit
- (2) 15 lit
- (3) 25 lit
- (4) 12 lit
- (5) None of these
- 17. In an examination, the percentage of students qualified to the number of students appeared from school A is 70%. In school B, the number of students appeared is 20% more than the student appeared from school B is 50% more than the students appeared from school A. What is the percentage of students qualified to the number of students appeared from school B?
 - (1) 30%
- (2) 70%
- (3) 87.5%
- (4) 78.5%
- (5) None of these
- 18. A reduction of 20% in the price of sugar enable a person to buy 2 kg more for Rs. 250. What is the reduced price?
 - (1) Rs. 31.25
- (2) Rs. 20
- (3) Rs. 25
- (4) Rs. 21.75
- (5) None of these
- 19. Naresh's monthly income is 30% more than that of Raghu. Raghu's monthly income is 20% less then than of Vishal. If the difference between the monthly income of Naresh and Vishal is Rs. 800, what is the monthly income of Raghu?
 - (1) Rs. 16000
 - (2) Rs. 20000
 - (3) Rs. 12000
 - (4) Data Inadequate
 - (5) None of these
- 20. In a class of 40 students and 8 teachers, each got sweets that are 20% of the total number of students and each teacher got sweets than are 25% of the total number of students. How many sweets were there?
 - (1) 420
- (2) 400
- (3) 320
- (4) 360
- (5) None of these
- 21. Ms. Deepti Jain invests 11% of her monthly salary, i.e. Rs. 5,236 in Fixed Deposits. Later she invests 19% of her monthly salary on Life



Insurance Policies, also she invests another 7% of her monthly salary on Mutual Funds. What is the total annual amount invested by Ms. Deepti Jain?

- (1) Rs. 2,11,344
- (2) Rs. 17,612
- (3) Rs. 1,05.672
- (4) Rs. 35,324
- (5) None of these
- 22. In a college election fought between two candidates, one candidate got 55% of the total valid votes. 15% of the votes were invalid. If the total votes were 15,200, then what is the number of valid votes the other candidate got?
 - (1) 7106

(2)6840

(3) 8360

- (4) 5814
- (5) None of these
- 23. In a test consisting of 80 questions carrying one mark each, Arpita answers 65% of the first 40 questions correctly. What percent of the other 40 questions does she need to answer correctly to score 75% on the entire test?
 - (1) 60%

(2) 80%

(3) 75%

- (4) 40%
- (5) None of these
- 24. Mangesh spends 17% of his monthly income on travelling. He spends 25% of his monthly income on household expense and 36% of his monthly income on medical expenses. He has remaining amount of Rs. 10,032 as cash with him. What is Mangesh's annual income?
 - (1) Rs. 5, 50, 300
 - (2) Rs. 5, 36, 500
 - (3) Rs. 5,47, 200
 - (4) cannot be determined
 - (5) None of these
- 25. Prema decided to donate 15% of her salary to an orphanage. On the day of donation, she changed her mind and donated Rs. 1896, which was 80% of what she had decided earlier. How much is Prena's salary?
 - (1) Rs. 18,500
 - (2) Rs. 10,250
 - (3) Rs. 15,800

- (4) Cannot be determined
- (5) None of these
- 26. Two number are 20% and 50% more than the third number, find first number is what percent of the second?
 - (1) 80%
- (2) 100%
- (3) 70%
- (4) 60%
- (5) None of these
- 27. Two numbers are such that the first is 20% less than and the second is 20% more than the third. The first number is what percent of the second?
 - (1) $77\frac{2}{3}\%$
- (2) $66\frac{2}{3}\%$
- (3) $75\frac{2}{3}\%$
- (4) $64\frac{2}{3}\%$
- (5) None of these
- 28. Two number are such that they are 40% and 50% of the third number. First number as percentage of the second is:
 - (1) 70%
- (2) 100%
- (3) 80%
- (4) 60%
- (5) None of these
- 29. If the price of sugar be increased by 20%, then how much percent a lady must reduce the consumption of sugar so as not to increase her expenditure?
 - (1) 16%
- (2) 15%
- (3) 19%
- (4) 20%
- (5) None of these
- 30. The price of onions is now reduced by 25%. What percent of its consumption should the family increase so as not to reduce the expenditure on this itesm?
 - (1) $33\frac{1}{3}\%$
- (2) $30\frac{1}{3}\%$
- (3) $32\frac{1}{3}\%$
- $(4) 33\frac{1}{3}\%$
- (5) None of these
- 31. The salary of an executive is first increased by 20% and later it was reduced by 20%. The

	net change, if any, in his original salary is:					(5) None of these				
	(1)	4% decrease	(2)	5% increase	37.	In an examination,				
	(3)	3% increase	(4)	No change		failed in History and 27% failed in Geography where as 15% failed in both the subjects. Find the pass percentage of those passing in both				
	(5)	None of these								
32.	Wh	en the price on a tic	ket is	s increased by		subjects.				
		6, the sale on ticket is r		ced by 5%. Find		(1) 50%	(2)	55%		
		change in the collecti	on?			(3) 58%	(4)	57%		
	(1)	5% decrease				(5) None of these				
	(2) 4.5% decrease					. In an examination, 78% of the candidates				
	(3)	4.5% increase			50.	passed in English, 67% passed in Mathematics and 10% failed in English and Mathematics both. Find the pass percentage of those who passed in both subjects.				
	(4)	3% increase								
	(5)	None of these								
33.		tudent has to secure 4				(1) 50%	(2)	, 55%		
		interview, in a written 79 mark and fails by				(3) 58%	` ′	57%		
	_	maximum marks				` '	(4)	J1 /0		
	interview.					(5) None of these				
	(1)	350	(2)	300	39.	In an examination in				
	(3)	400	(4)	450		2500. A got 10% less than B, B got 25% less than C and C got 20% less than D. If A got 540, then what percentage of the full marks				
	(5)	None of these								

34. Atul scored 30% marks in an examination and

35. A candidate who gets 20% marks in an

36. In an examination, 23% of the candidates failed in civics: 29% failed in social studies

where as 11% failed in both. Find the pass

percentage who passed in both subjects.

is the pass percentage of marks?

examination fails by 30 marks. Another

candidate who gets 32% marks in the same

examination gets 42 marks more than are necessary for passing the examination. What

failed by 40 marks where as his friend Sunil 42% marks gets 32 marks more than the

minimum required marks for the examination. The maximum marks for the examination.

(2) 700

(4) 900

(2) 60%

(4) 40%

(2) 59%

(4) 57%

n which full marks were s than B, B got 25% less 0% less than D. If A got entage of the full marks was obtained by D?

(1) 35% (2)45%(3) 42% (4) 40%

(5) None of these

40. In an examination A got 10% less than B, B gets 25% more than C, and C gets 20% less than D. If A got 360 marks, then the number of marks obtained by D is:

(1) 400 (2) 500 (4) 700 (3) 600

(5) None of these

41. In an election where there are two candidates only, the candidate who gets 57 percent of the votes is declared elected by 4200 votes. The number of votes recorded is

(1) 40,000 (2) 50,000 (3) 30,000 (4) 35,000

(5) None of these

42. Three friends x, y, z whose salary together amount to Rs. 72000, spend 80%, 85% and 75% of their salaries respectively. If their savings are in the ratio as 8:9:20, then find

(1) 600

(3) 800

(1) 30%

(3) 25%

(1) 30%

(3) 58%

(5) None of these

(5) None of these

their respective salaries.						first of the second?					
(1)	Rs. 16000, Rs. 2400)0 ar	d Rs. 32000		(1)	42%	(2)	16%			
(2)	Rs. 14000, Rs. 2200	00 ar	nd Rs. 30,000		(3)	35%	(4)	20			
(3)	Rs. 18000, Rs. 2600)0 ar	d Rs. 34000		(5)	None of these					
(4)	Rs. 10000, Rs. 1800	00 ar	d Rs. 26000	49.	The	numbers are less th	an a t	hird number by			
(5)	None of these					% and 10% respendent in the first pur		•			
	n examination 27% o lish, 38% failed in M				percent is the first number less than the second?						
_	d in both the subjects,				(1)	42%	(2)	16%			
of this:	ne candidates who pa	ass ir	n both subjects		(3)	35%	(4)	20%			
(1)	54%	(2)	50%		(5)	None of these					
(3)	52%	` ,	48%	50.	In an examination, out of 1500 boys and 300						
(5)	None of these	(+)	4070		girls, 70% of boys and 30% of girls have passed. What is the percentage of students that failed?						
` ,	n examination, 70%	cano	lidates nassed								
in E	nglish, 65% in Mathem	atics	and 27% failed		(1)	33%	(2)	25.5%			
	oth subjects and 248 oth the subjects. Tl		•		(3)	30%	(4)	20%			
	lents appeared in the				(5)	None of these					
(1)	300 (2) 400				Rajesh has to score 20% marks to pass in a						
(3)	500	(4)	600		test. If he gets 60 marks and fails by 40 marks, then find the total marks assigned for the test?						
(5) None of these						550	(2)	450			
	n examination 36% of		•		(3)	500	(4)	200			
•	ass and a student g by 124 marks. The t				(5) None of these						
(1)	700	(2)	900	52.	In a	rectangle, the length	and t	the breadth are			
(3)	600	(4)	400			eased by 20% and at is the percentage		-			
(5)	None of these				(1)	45%	(2)	16%			
` ,	number is 25% more	than	the other, then		(3)	15%	(4)	56%			
	much percent is the	seco	nd nu <mark>mber l</mark> ess		(5)	None of these	(1)	0070			
	12.33%	(2)	16.66%	53.	The value of an article is Rs. 3450. Its values						
(1)	16.33%	(2) (4)	20%		dec	rease 5% during the	first ye	ear, 10% during			
(3) (5)	None of these	(4)	20 /0		the second year and 20% during the third year. What is value of the article after 3 years?						
` ,		than	that of R then		(1)	1892	(2)	2500			
how	If A's earning is 20% less than that of B, then how much percent is B's earning is more than					1890.5	(4)	2359.8			
that	of A?				(3)(5)	None of these	` '				
(1)	15.2%	(2)	30%		(0)	None of these					



(3) 25%

(5) None of these

48. Two numbers are 5% and 25% of a third number respectively. What percentage is the

43.

44.

45.

46.

47.

order to get the original price, the new price

(2) 35.7%

(4) 42.85%

must be increased by

(1) 33%

(3) 50%

(4) 28%

	(5) None of these			61.	10%	6 of income	of X is ea	ual 1	to 15% inc
55.	The length and bread increased by 20% and 2 are of the rectangle so		of Y and a 20% income of Y is equal to of the income of Z. If the income of Z 5000, then the total income of X, Y and						
	area of the square by				(1)	20625		(2)	26500
56.	(1) 50%	(2)	18% 40%		(3)	21040		(4)	20550
	(3) 35%	(4)			(5)	None of the	se		
	(5) None of theseIn an examination, 15%failed in Biology and Hin20% students failed in	62.	 In a group of 40 men and 80 women, 3 the men are less than 30 years old and of the total persons are less than 30 years. What percentage of men are under 30 years. 						
	the number of stud examination is	ents	passing the		(1)	35%		(2)	61%
	(1) 1250	(2)	1200		(3)	40%		(4)	29%
	(3) 1600	(4)	2000		(5)	None of the	se		
57.	(5) None of these	(4)	2000	63.	8. A reduction of 25% in the price of vertices a person to purchase 2.5 kg m				
	Rohan spends 20% entertainment, 10% of t		Rs. whe	120. What is eat?	s the orig	inal	price per		
	education and 15% of the				(1)	16		(2)	19
	his telephone bills. After his expenditure, he is left with Rs. 7956. What is Rohan's				(3)	20		(4)	25

58. Out of 140 pieces, 10% are defective and out of 100 pieces, 15% are defective. For all the pieces combined, what percent of the pieces are defective?

(1) 15%

income?

(1) 12560

(3) 16600

(5) None of these

(2) 6.1%

(2) 14789

(4) 20000

(3) 12.08%

(4) 12.05%

(5) None of these

59. a% of 2b is b% of

(1) 2a

(2) a

(3) 0.5

(4) 3a

(5) None of these

60. An ant travels along the diagonal of a square. How much extra, in terms of percentage, it needs to travel if it were to travel along the sides of the square?

(1) 55%

(2) 41%

(3) 30%

(4) 25%

(5) None of these

come 25% s Rs. Z is

)% of 40% ears. ears?

vheat ore of kg of

(5) None of these

64. A shopkeeper has 5% of the total pencils as defective. He sells 92% of the remainder and still has 684 pencils left. How many pencils did he originally have?

(1) 9000

(2) 6000

(3) 10000

(4) 8000

(5) None of these

65. Successive discounts of 15% and 25% are equivalent to a single discount of

(1) 15%

(2) 21%

(3) 18%

(4) 25%

(5) None of these

66. If the numerator of a fraction is increased by 10% and the denominator is decreased by 20%, then the value of the fraction is 12/13. What is the original fraction?

(1) 96/143

(2) 61/89

(3) 55/143

(4) 25/89

(5) None of these

67. The population of a city increases at the rate of 5% per annual increase of 2% in the population due to the job seekers. The



	percentage increase in the population after 2 years will be			of votes polled.						
	(1) 23%	(2) 12%	<u>'</u>		(1)	50000	(2)	100000		
	. ,	` '			(3)	102450	(4)	500000		
	(3) 15%(5) None of these	(4) 25%	0		(5)	None of these				
68.	(5) None of these Two fifth of one-third of a number is 85% of 320. What is the number?				A and B has the same price. If the price of A increases by 10% and the price of B increases by 5%, then how much more will it					
	(1) 1020	(2) 102	1			t to but 3 A's and				
	(3) 2040	(4) 245	0		(1)	550%	(2)	600%		
	(5) None of these				(3)	445%	(4)	350%		
69.	The digit at unit's pl		-		(5)	None of these				
	is increased by 100% and the ten's digit of the same number is increased by 40%. The number thus formed is 20 more than the original number. What is the original number?				A vendor had some boxes. He sells 30% of the boxes and still has 154 boxes. What is the number of boxes he had originally?					
	(1) 75	(2) 61			(1)	51	(2)	31		
	(3) 70	(4) 26			(3)	30	(4)	22		
	(5) Cannot be determined				(5)	None of these				
70.	A got 20% of the examination and fatook the same examination	76.		same is half of women. Total d is						
	total marks and got 20 more than the passing				(1)	35000	(2)	29000		
	marks. What were the passing marks in the examination?				(3)	10000	(4)	25000		
	(1) 35	(2) 30			(5)	None of these				
	(3) 10	(4) 28		77.	_	6 of the voters				
	(5) None of these				rests decide to vote for B. But on the las of the election, only 20% voted for A and					
71.	If two numbers are 30% and 15% of the number respectively, then what is the				voted for B. If A lost by 20 votes, then the total number of voters is					
	percentage of the first number to the second				(1)	75	(2)	61		
	(1) 200%	(2) 300	%		(3)	90	(4)	95		
	(3) 350%	(4) 250	%		(5)	None of these				
	(5) None of these			78.		of the 2500 inh				
72.	Two students appeared in an examination. One of them secured 3 marks more than the other and his marks was 40% of the sum of their marks. The marks obtained by them are				all t	terate. If, out of erate, then what of the town are				
	(1) 4, 15	(2) 3, 1	5		(1)	15%	(2)	21%		
	(3) 3, 6	(4) 2, 1	2		(3)	18%	(4)	5%		
	(5) None of these				(5)	None of these				
73.	In an election, out of the two candidates, one who got 40% of the total votes was defeated by 20,000 votes. Calculate the total number				79. Rs. 7400 was distributed among A, B and such that A received 25% more than B and received 20% more than C. What amount di					

С	receive?

- (1) 2000
- (2) 6.071

(3) 10

- (4) 2.05
- (5) None of these
- 80. A trader dealing in mobile phone reduced the price by 20% as result of which, the sales went up by 80%. What was the net effect on his sales income?
 - (1) 105%
- (2) 116%
- (3) 98.5%
- (4) 72%
- (5) None of these
- 81. Ramesh spends Rs. 50 to by butter. On one occasion, he could buy 2.5 kg of butter less for Rs. 50 as the price had gone up by 20%. What was the earlier price of butter per kg?
 - (1) Rs. 3.33
- (2) Rs. 6.21
- (3) Rs. 4.10
- (4) Rs. 5.05
- (5) None of these
- 82. If 'a' is 90% of 'b' is what percent of 'a+3b'?
 - (1) 35%
- (2) 12.5%
- (3) 10%
- (4) 25.6%
- (5) None of these
- 83. 40% of the employees of certain company are men and 60% of men earn more than Rs. 30,000 per year. If 40% of the company's employees earn more than Rs. 30,000 per year, then what fraction of the women employed by the company earn less than or equal to Rs. 30,000 per year?
 - (1) 7/12
- (2) 11/25
- (3) 0.6
- (4) 2.05
- (5) None of these
- 84. Rajnesh's earning increases by 30% in one year but decreases by 5% in the next year. After 5 years, his total earnings would be Rs. 60,000. What is his present earning?
 - (1) Rs. 30,000
- (2) Rs. 41,000
- (3) Rs. 25000
- (4) Rs. 35000
- (5) None of these
- **85.** Three subjects in an examination have maximum marks per subject in the ratio of 1 : 2 : 4 respectively. If a student obtained 40% in the first subject, 50% in the second and

- 60% in the third subject, then what percentage did he score overall?
- (1) 52.5%
- (2) 67%
- (3) 54.3%
- (4) 56.7%
- (5) None of these
- 86. Give that a% of b + ? % of 2a = a% of (a+2b). The value of '?' is
 - (1) a b
- (2) (a + b)/2
- (3) a 2b
- (4) a + b
- (5) None of these
- 87. In city, 10% of the population died due to drought, 10% of the remaining due to lack of food and 20% of the rest due to disease. The final population was reduced to 820, 80,88. What was the original value of the population?
 - (1) 5560000
- (2) 6710000
- (3) 1000000
- (4) 20550000
- (5) None of these
- 88. The daily wage is increased by 25% and a person now gets Rs. 25 per day. What was his daily wage before the increase?
 - (1) Rs. 35
- (2) Rs. 24
- (3) Rs. 20
- (4) Rs. 25
- (5) None of these
- 89. The price of sugar has fallen by 10%. How many 1 kg can be bought for the same amount which was sufficient to buy 18 1 kg at the higher price?
 - (1) 15

(2) 60

(3) 10

- (4) 20
- (5) None of these
- 90. There are five boxes in a container. The weight of the first box is 200 kg and the weight of the second box is 20% higher than the weight of the third box, whose weight is 25% higher than the first box. The fourth box at 350 kg is 30% higher than the fifth box. The difference in average weight of the four heaviest boxes and the four lightest boxes is
 - (1) 55

- (2) 62.5
- (3) 70.5
- (4) 82
- (5) None of these
- 91. In a college, there are 15 more girls than boys.



If the number of girls is increased by 10% and the number of boys is also increased by 16%, there would be 9 more girls than boys. What is the number of students in the school?

- (1) 300
- (2) 265
- (3) 120
- (4) 455
- (5) None of these
- 92. The worker receives a 2.5% cut in pay and now his salary is Rs. 25000. What was his salary to begin with?
 - (1) 18433
- (2) 13452
- (3) 22354
- (4) 24562
- (5) None of these
- 93. Anirban gets a 4% raise. A year later, Anirban receives a 2.5% cut in pay and now his salary is Rs. 25000. What was his salary to begin with?
 - (1) Rs. 24654.8
- (2) Rs. 20000
- (3) Rs. 13005
- (4) Rs. 15421
- (5) None of these

- 94. Given that 40% of 2490 + 30% of x = 33.33% of 4500. What is the value of 'x'
 - (1) 1250
- (2) 3215
- (3) 168
- (4) 105
- (5) None of these
- 95. Given that 20% of 25% of 8420 of x = 20% of 12500 + 0.5 × 112. What is the value of 'x'?
 - (1) 5

(2) 6.071

(3) 10

- (4) 2.05
- (5) None of these

ANSWERS

1.	1	17.	3	33.	2	49.	5	65.	5	81.	1
2.	5	18.	5	34.	1	50.	2	66.	1	82.	4
3.	2	19.	1	35.	3	51.	3	67.	3	83.	2
4.	2	20.	2	36.	2	52.	4	68.	3	84.	1
5.	2	21.	1	37.	3	53.	4	69.	5	85.	3
6.	3	22.	4	38.	2	54.	4	70.	2	86.	2
7.	1	23.	5	39.	4	55.	1	71.	1	87.	5
8.	1	24.	5	40.	1	56.	2	72.	3	88.	3
9.	3	25.	3	41.	3	57.	5	73.	2	89.	4
10.	4	26.	1	42.	1	58.	3	74.	3	90.	2
11.	3	27.	2	43.	1	59.	1	75.	4	91.	2
12.	5	28.	3	44.	2	60.	2	76.	5	92.	5
13.	5	29.	5	45.	4	61.	1	77.	5	93.	1
14.	1	30.	4	46.	3	62.	5	78.	5	94.	3
15.	3	31.	1	47.	3	63.	1	79.	1	95.	2
16.	2	32.	2	48.	1	64.	1	80.	2		

