Name : Bar Diagrams

Chapter : Statistics
Grade : ICSE Grade VI

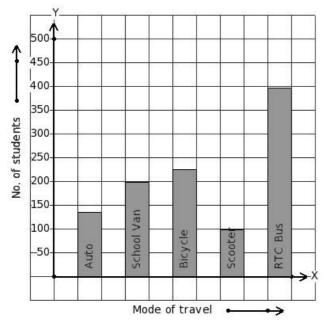
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The following table gives the data regarding the favourite sport of 236 students of a school.

Sport	long jump	volleyball	wrestling	chess	tennis	table tennis	badminton
No. of Students	43	45	41	31	16	24	36

(i) 31 (ii) 30 (iii) 32 (iv) 29 (v) 33

2. 1053 students of a school use different modes of travel to school. Identify the table for the given bar diagram.



/i)	Mode of travel			Bicycle	Scooter	RTC Bus
(1)	No. of students	225	99	396	135	198

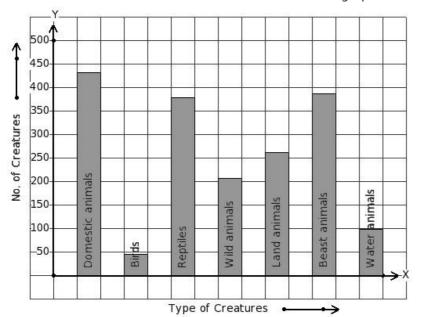
(ii)	Mode of travel	Auto	School Van	Bicycle	Scooter	RTC Bus
(11)	No. of students	198	99	135	396	225

(iii)	Mode of travel	Auto	School Van	Bicycle	Scooter	RTC Bus
(111)	No. of students	135	198	225	99	396

(iv)	Mode of travel	Auto	School Van	Bicycle	Scooter	RTC Bus
(10)	No. of students	396	198	99	225	135

(,,)	Mode of travel	Auto	School Van	Bicycle	Scooter	RTC Bus
(v)	No. of students	225	99	396	198	135

3. There are 1809 creatures in a zoo as shown in the bar graph. Identify the table for the given bar diagram.



(i)	Type of Creatures	Domestic animals	Birds	Reptiles	Wild animals	Land animals	Beast animals	Water animals
	No. of Creatures	432	207	99	378	387	261	45

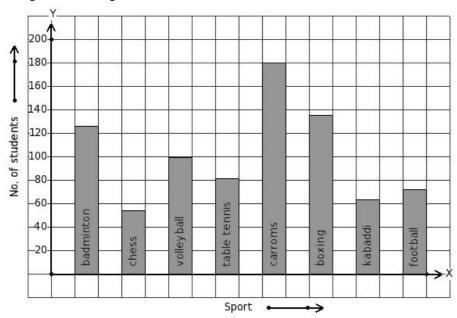
(ii) No	Type of Creatures	Domestic animals	Birds	Reptiles	Wild animals	Land animals	Beast animals	Water animals	
	No. of Creatures	207	378	261	432	387	45	99	

(iii)	Type of Creatures	Domestic animals	Birds	Reptiles	Wild animals	Land animals	Beast animals	Water animals
	No. of Creatures	45	99	378	207	261	432	387

(iv)	Type of Creatures	Domestic animals	Birds	Reptiles	Wild animals	Land animals	Beast animals	Water animals
	No. of Creatures	432	45	378	207	261	387	99

(v)	Type of Creatures	Domestic animals	Birds	Reptiles	Wild animals	Land animals	Beast animals	Water animals
	No. of Creatures	45	378	432	261	387	207	99

4. The following bar graph gives data regarding the favourite sport of 810 students of a school. Identify the table for the given bar diagram.



/i)	Sport	badminton	chess	volleyball	table tennis	carroms	boxing	kabaddi	football
(1)	No. of students	126	54	99	81	180	135	63	72

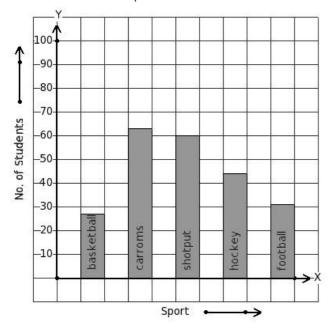
(ii)	Sport	badminton	chess	volleyball	table tennis	carroms	boxing	kabaddi	football	
(11)	No. of students	63	180	72	99	54	81	126	135	

(iii)	Sport	badminton	chess	volleyball	table tennis	carroms	boxing	kabaddi	football
(111)	No. of students	54	135	72	126	180	81	99	63

(iv)	Sport	badminton	chess	volleyball	table tennis	carroms	boxing	kabaddi	football
(10)	No. of students	72	99	63	135	126	180	54	81

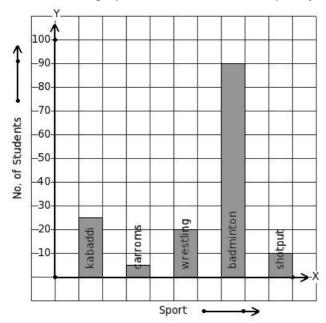
()()	Sport	badminton	chess	volleyball	table tennis	carroms	boxing	kabaddi	football
(V)	No. of students	180	99	72	63	135	126	54	81

5. The number of bars present in the bar chart of the following table is



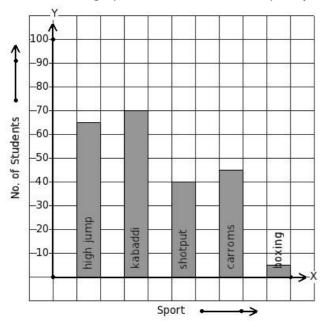
(i) 2 (ii) 4 (iii) 6 (iv) 5 (v) 7

6. Given the bar graph, find the maximum frequency



(i) 100 (ii) 85 (iii) 95 (iv) 90 (v) 105

7. Given the bar graph, find the minimum frequency



(i) 20 (ii) 0 (iii) 5 (iv) 10 (v) 15

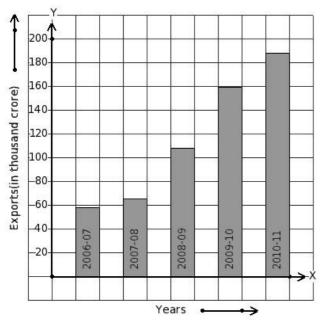
513 students of a certain locality use different modes of travel to school as given below.

0	Mode of travel	RTC Bus	Scooter	School Bus	School Van	Auto	Moped
Ο.	No. of Students	45	54	63	99	162	90

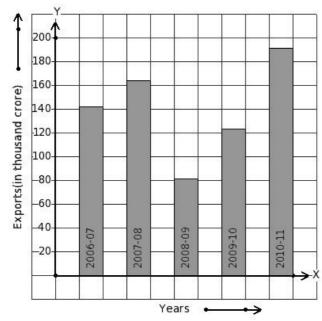
Find the number of students whose travelling mode is School Bus.

(i) 60 (ii) 63 (iii) 64 (iv) 66 (v) 62

9. The following bar graph shows the export earnings of a country (in thousand crore) during five years. Find the year that has maximum export earnings.

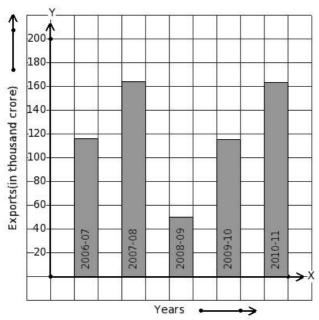


- (i) 2008-09 (ii) 2009-10 (iii) 2010-11 (iv) 2006-07 (v) 2007-08
- 10. The following bar graph shows the export earnings of a country (in thousand crore) during five years. Find the year that has minimum export earnings.



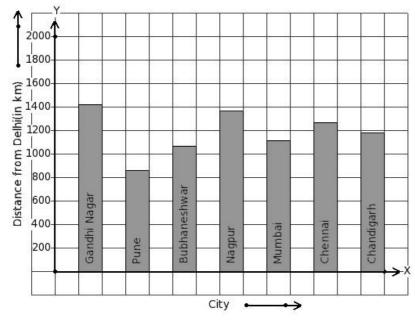
(i) 2006-07 (ii) 2010-11 (iii) 2009-10 (iv) 2007-08 (v) 2008-09

11. The following bar graph shows the export earnings of a country (in thousand crore) during five years. Find the year that has 50 thousand crore export earnings.



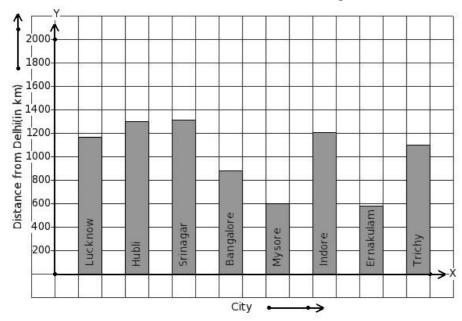
(i) 2007-08 (ii) 2008-09 (iii) 2010-11 (iv) 2009-10 (v) 2006-07

12. The air distance of some cities from Delhi (in km) are given below. Find the city that has maximum distance.



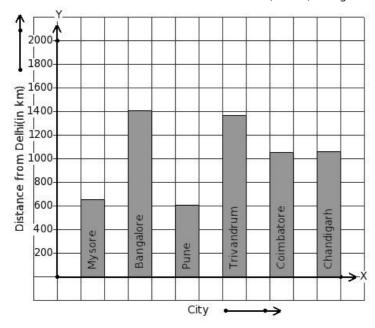
(i) Pune (ii) Mumbai (iii) Nagpur (iv) Gandhi Nagar (v) Chandigarh

13. The air distance of some cities from Delhi (in km) are given below. Find the city that has minimum distance.



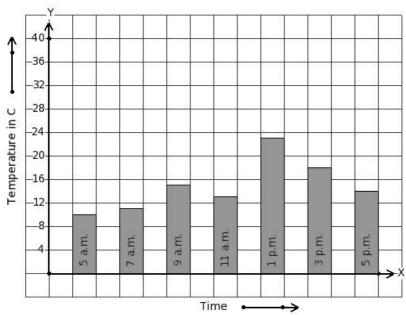
(i) Ernakulam (ii) Lucknow (iii) Bangalore (iv) Indore (v) Hubli

14. The air distance of some cities from Delhi (in km) are given below. Find the city that has 1056 km distance.



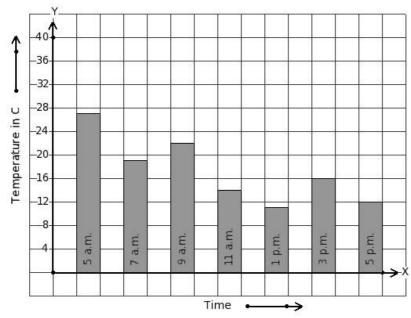
(i) Bangalore (ii) Coimbatore (iii) Pune (iv) Trivandrum (v) Mysore

15. On a certain day, the temperature in a city was recorded as shown below. Find the time that has maximum temperature.



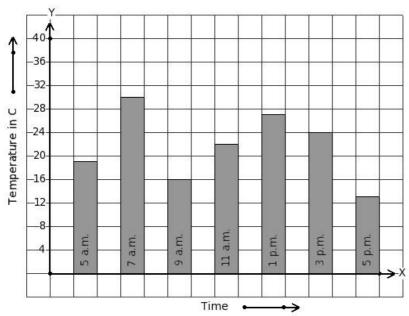
(i) 7 a.m. (ii) 1 p.m. (iii) 11 a.m. (iv) 5 a.m. (v) 3 p.m.

 $16. \frac{1}{1}$ On a certain day, the temperature in a city was recorded as shown below. Find the time that has minimum temperature.



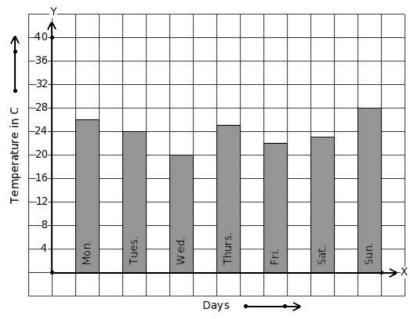
(i) 1 p.m. (ii) 3 p.m. (iii) 5 a.m. (iv) 5 p.m. (v) 7 a.m.

On a certain day, the temperature in a city was recorded as shown below. Find the time that has 22 °C temperature.



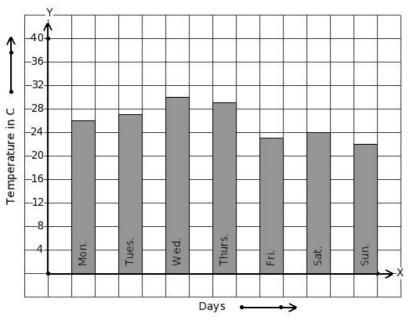
(i) 9 a.m. (ii) 1 p.m. (iii) 7 a.m. (iv) 5 a.m. (v) 11 a.m.

18. Following bar graph gives the average temperature of a place during a week. Find the day that has maximum temperature.



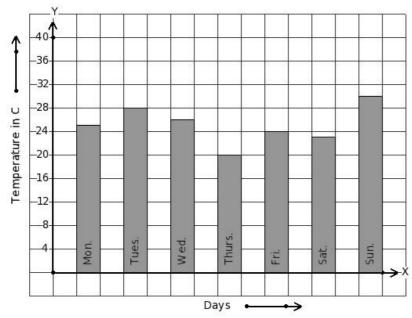
(i) Sat. (ii) Wed. (iii) Sun. (iv) Thurs. (v) Mon.

19. Following bar graph gives the average temperature of a place during a week. Find the day that has minimum temperature.



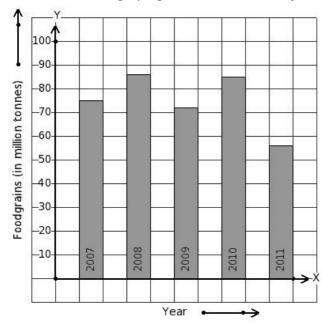
(i) Sat. (ii) Sun. (iii) Mon. (iv) Tues. (v) Wed.

Following bar graph gives the average temperature of a place during a week. Find the day that has 25 $^{\circ}$ C temperature.



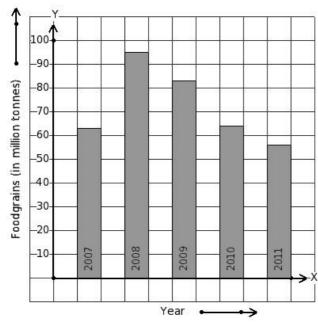
(i) Thurs. (ii) Fri. (iii) Tues. (iv) Mon. (v) Sat.

21. Read the column-graph given below. Find the year that has maximum food grains production.



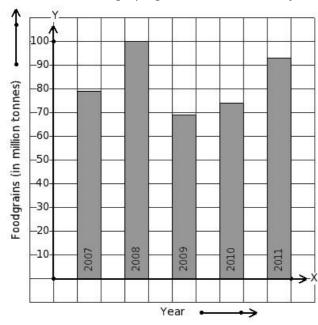
(i) 2009 (ii) 2010 (iii) 2011 (iv) 2007 (v) 2008

22. Read the column-graph given below. Find the year that has minimum food grains production.



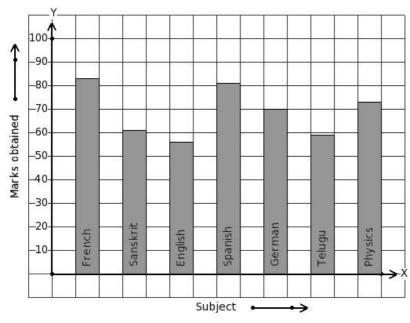
(i) 2010 (ii) 2007 (iii) 2009 (iv) 2008 (v) 2011

23. Read the column-graph given below. Find the year that has 93 million tonnes food grains production.



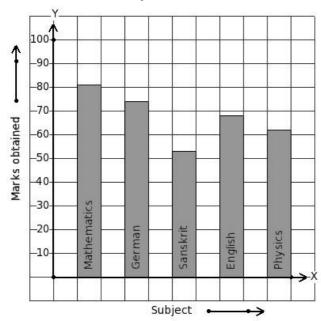
(i) 2011 (ii) 2008 (iii) 2009 (iv) 2010 (v) 2007

24. The marks obtained by Karthik in his annual exam are shown below. Find the subject that has maximum score.



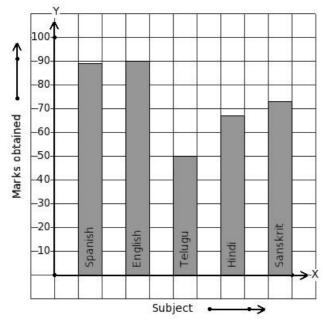
(i) French (ii) German (iii) English (iv) Sanskrit (v) Telugu

25. The marks obtained by Kavish in his annual exam are shown below. Find the subject that has minimum score.



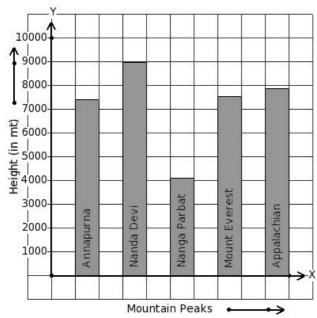
(i) German (ii) English (iii) Sanskrit (iv) Physics (v) Mathematics

26. The marks obtained by Kumar in his annual exam are shown below. Find the subject that has 50 score.



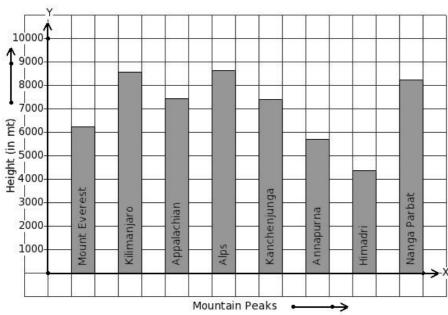
(i) Sanskrit (ii) Spanish (iii) English (iv) Hindi (v) Telugu

27. Given below is the column-graph showing heights of some mountain peaks. Find the mountain that has maximum height.



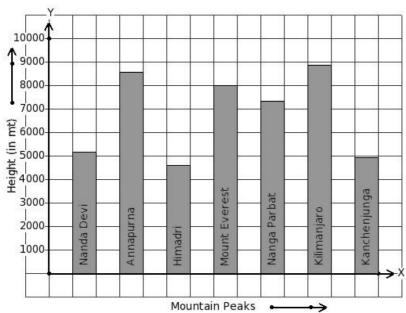
(i) Nanda Devi (ii) Appalachian (iii) Annapurna (iv) Nanga Parbat (v) Mount Everest

28. Given below is the column-graph showing heights of some mountain peaks. Find the mountain that has minimum height.



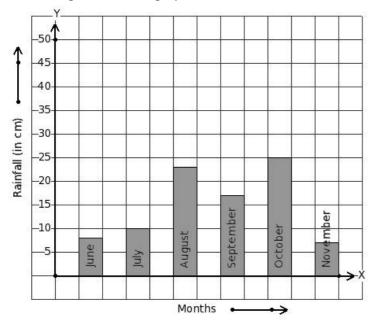
(i) Annapurna (ii) Himadri (iii) Kilimanjaro (iv) Nanga Parbat (v) Mount Everest

29. Given below is the column-graph showing heights of some mountain peaks. Find the mountain that has 4614 m height.



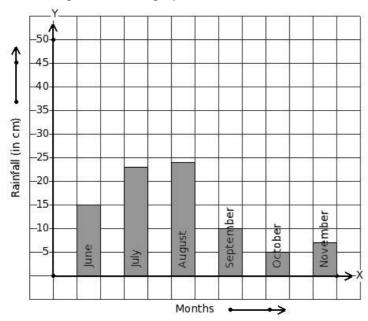
(i) Mount Everest (ii) Himadri (iii) Kilimanjaro (iv) Nanda Devi (v) Nanga Parbat

30. Read the given column-graph. Find the month that has maximum rainfall.



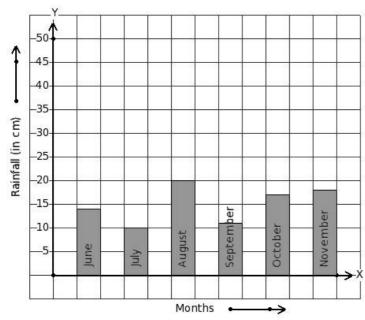
(i) October (ii) November (iii) August (iv) July (v) June

31. Read the given column-graph. Find the month that has minimum rainfall.



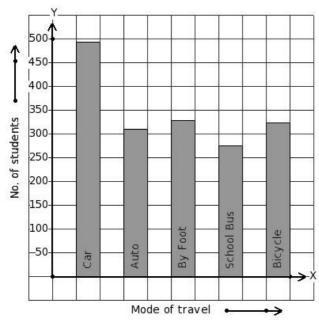
(i) November (ii) October (iii) August (iv) July (v) June

32. Read the given column-graph. Find the month that has 11 cm rainfall.



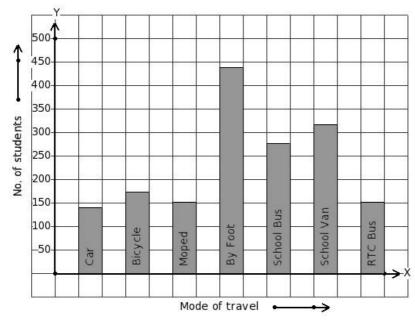
(i) July (ii) September (iii) August (iv) November (v) June

33. Students of a certain locality use different modes of travel to school as given below. Find the mode of travel that has maximum students.



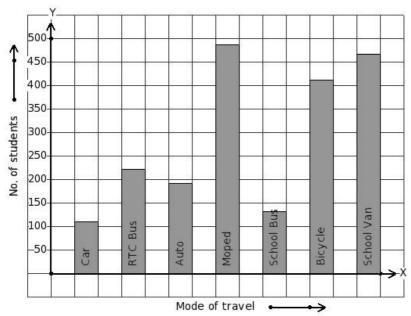
(i) Bicycle (ii) Car (iii) By Foot (iv) School Bus (v) Auto

34. Students of a certain locality use different modes of travel to school as given below. Find the mode of travel that has minimum students.



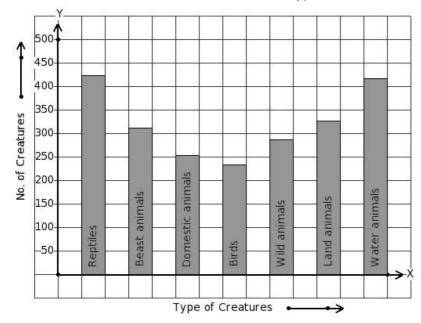
(i) By Foot (ii) Bicycle (iii) Car (iv) School Van (v) Moped

35. Students of a certain locality use different modes of travel to school as given below. Find the mode of travel that has 467 students.



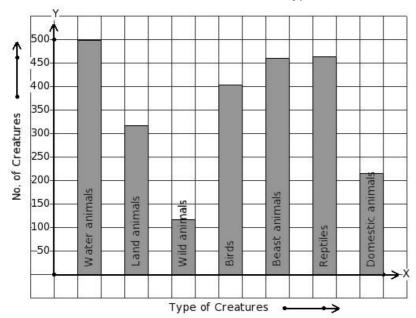
(i) School Van (ii) School Bus (iii) Auto (iv) RTC Bus (v) Moped

36. There are certain creatures in a zoo. Find the type of creature that has maximum presense in the zoo.



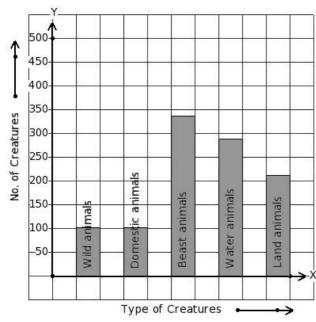
(i) Reptiles (ii) Land animals (iii) Water animals (iv) Wild animals (v) Domestic animals

37. There are certain creatures in a zoo. Find the type of creature that has minimum presense in the zoo.



(i) Birds (ii) Reptiles (iii) Beast animals (iv) Wild animals (v) Water animals

38. There are certain creatures in a zoo. Find the type of creature that has 102 creatures presense in the zoo.



(i) Beast animals (ii) Wild animals (iii) Land animals (iv) Domestic animals (v) Water animals

39. In a bar diagram the value represented by a rectangle is proportional to its

(i) length (ii) perimeter (iii) area (iv) breadth

		Α	ssignment Key		
1) (i)	2) (iii)	3) (iv)	4) (i)	5) (iv)	6) (iv)
7) (iii)	8) (ii)	9) (iii)	10) (v)	11) (ii)	12) (iv)
13) (i)	14) (ii)	15) (ii)	16) (i)	17) (v)	18) (iii)
19) (ii)	20) (iv)	21) (v)	22) (v)	23) (i)	24) (i)
25) (iii)	26) (v)	27) (i)	28) (ii)	29) (ii)	30) (i)
31) (ii)	32) (ii)	33) (ii)	34) (iii)	35) (i)	36) (i)
37) (iv)	38) (ii)	39) (i)			

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