EduSahara™ Worksheet

SSC

Name : Chapter Based Worksheet

Chapter : Data Handling

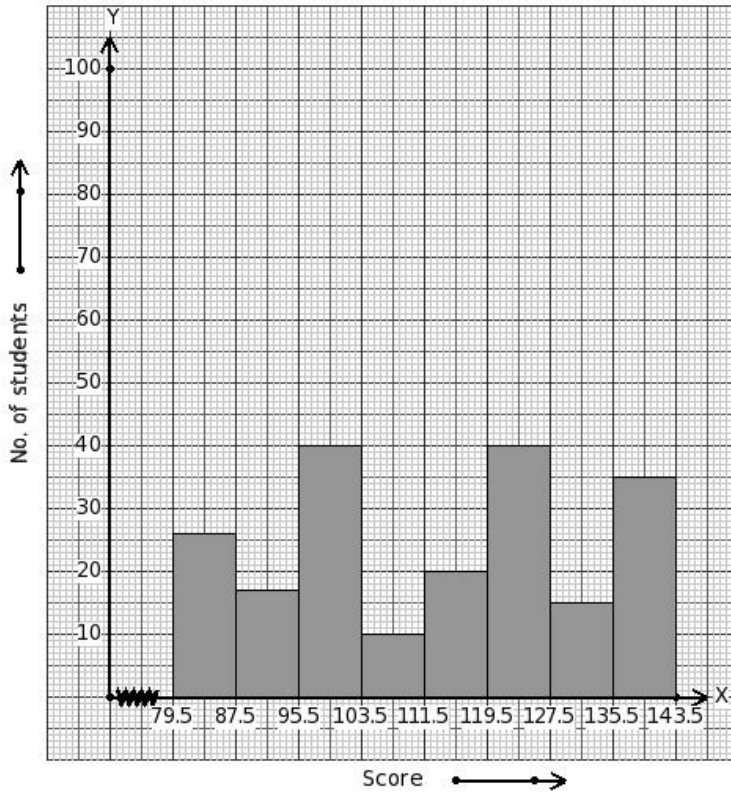Grade : CBSE Grade VIII

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1. Scores of 203 students are given below. Identify the class interval table for the given histogram.

(i)

Score	80 - 87	88 - 95	96 - 103	104 - 111	112 - 119	120 - 127	128 - 135	136 - 143
No. of students	26	17	40	10	24	40	15	35

(ii)

Score	80 - 87	88 - 95	96 - 103	104 - 111	112 - 119	120 - 127	128 - 135	136 - 143
No. of students	26	17	10	40	20	40	15	35

(iii)

Score	80 - 87	88 - 95	96 - 103	104 - 111	112 - 119	120 - 127	128 - 135	136 - 143
No. of students	26	35	40	10	20	40	15	17

(iv)

Score	80 - 87	88 - 95	96 - 103	104 - 111	112 - 119	120 - 127	128 - 135	136 - 143
No. of students	26	17	40	10	20	40	15	35

(v)

Score	80 - 87	88 - 95	96 - 103	104 - 111	112 - 119	120 - 127	128 - 135	136 - 143
No. of students	26	17	38	10	20	40	15	35

2. One card is drawn at random from a well shuffled deck of 52 cards. What is the probability that the card drawn is '2' of red suit ?

(i) $\dfrac{3}{13}$ (ii) $\dfrac{1}{52}$ (iii) $\dfrac{1}{4}$ (iv) $\dfrac{1}{13}$ (v) $\dfrac{1}{26}$
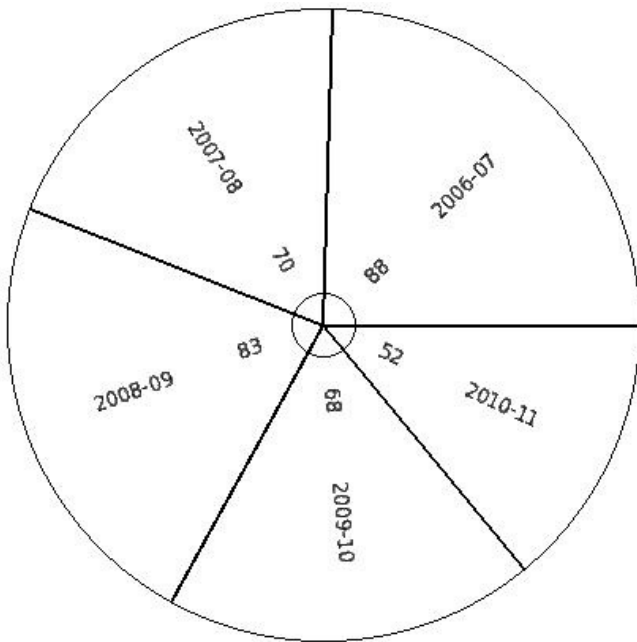
3. Two unbiased coins are tossed simultaneously. Find the probability of getting at least one head.

(i) $\dfrac{1}{2}$ (ii) $\dfrac{1}{4}$ (iii) $\dfrac{4}{5}$ (iv) $\dfrac{3}{4}$ (v) 1

4. Given class interval 29 - 31 in exclusive form, its class mark is

   (i) 32   (ii) 29   (iii) 31   (iv) 30   (v) 28

5. The total export earnings of ₹800 thousand crore of a country during five years is shown below. Find the year that has minimum export earnings.
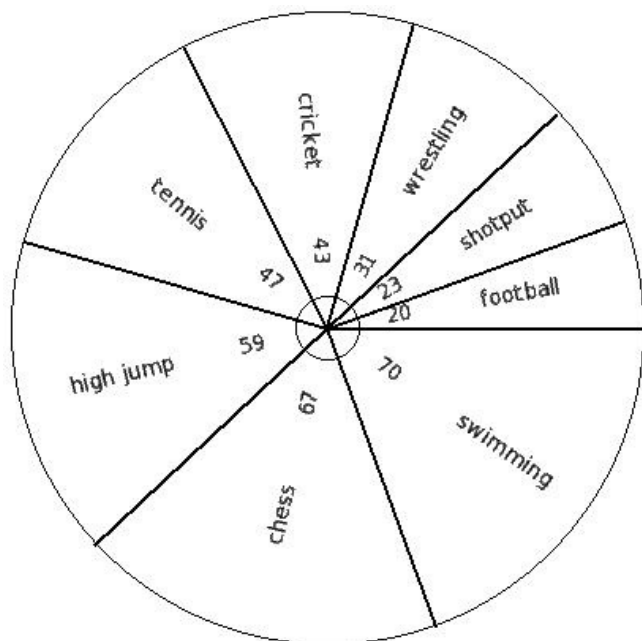

   (i) 2006-07   (ii) 2007-08   (iii) 2010-11   (iv) 2008-09   (v) 2009-10

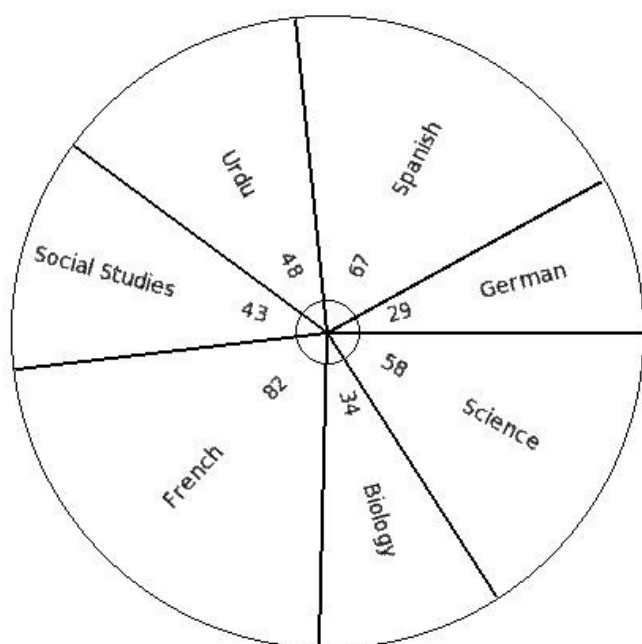6. A die is thrown twice. What is the probability that 5 will come up atleast once?

   (i) $\dfrac{12}{37}$ (ii) $\dfrac{11}{36}$ (iii) $\dfrac{1}{3}$ (iv) $\dfrac{5}{18}$ (v) $\dfrac{25}{36}$

7. The following pie chart gives the data regarding the favourite sport of 828 students of a school. Identify the table for the given pie diagram.
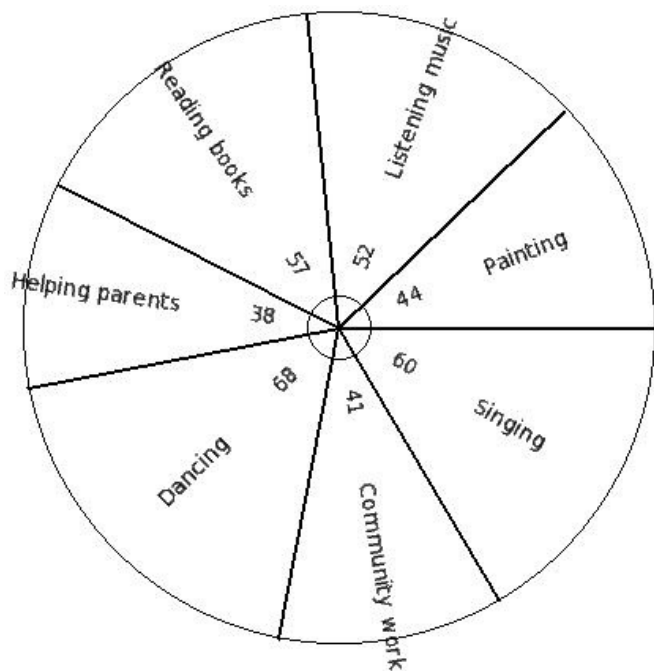

(i)

Sport	football	shotput	wrestling	cricket	tennis	high jump	chess	swimming
No. of students	162	72	99	153	135	108	45	54

(ii)

Sport	football	shotput	wrestling	cricket	tennis	high jump	chess	swimming
No. of students	153	54	72	135	162	45	99	108

(iii)

Sport	football	shotput	wrestling	cricket	tennis	high jump	chess	swimming
No. of students	45	54	72	99	108	135	153	162

(iv)

Sport	football	shotput	wrestling	cricket	tennis	high jump	chess	swimming
No. of students	54	135	153	72	45	162	99	108

(v)

Sport	football	shotput	wrestling	cricket	tennis	high jump	chess	swimming
No. of students	135	162	54	108	153	99	72	45

8. The total marks obtained by Kumar in his annual exam are 375 as shown below. Find the subject that has 35 score.
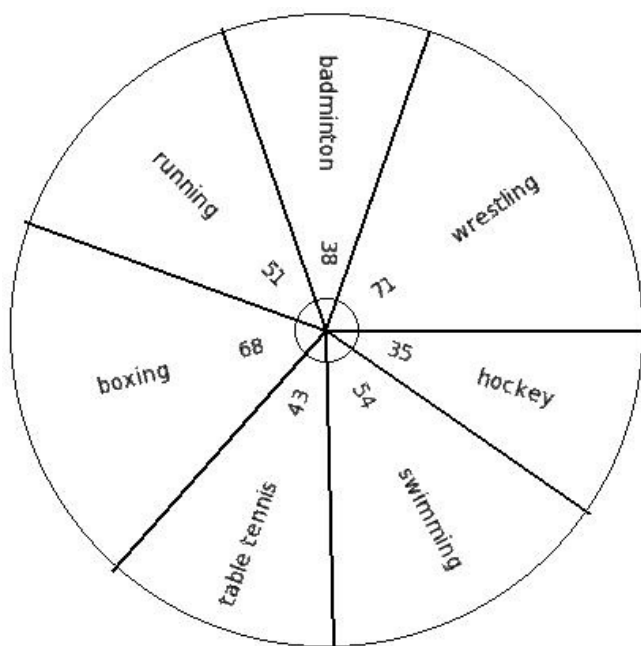

(i) Social Studies (ii) Urdu (iii) Biology (iv) German (v) French

9. A survey of 1320 school students was done to knowthe preferred free time activity. Find the activity that has maximum preference.
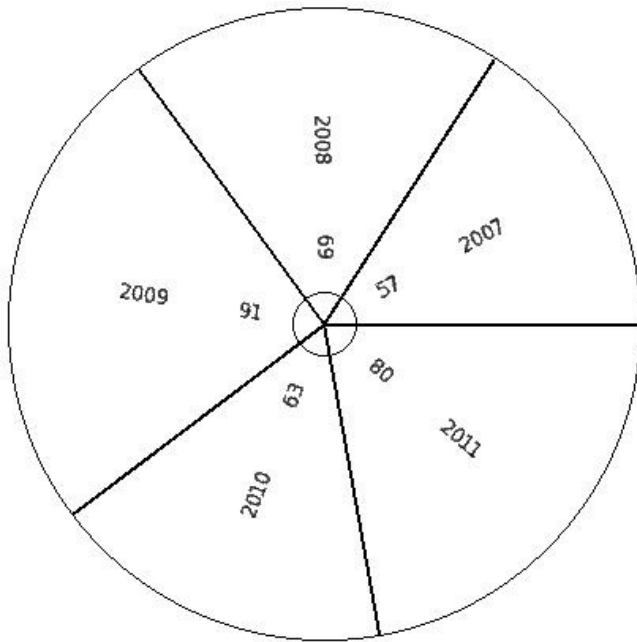

(i) Dancing (ii) Helping parents (iii) Singing (iv) Community work (v) Listening music
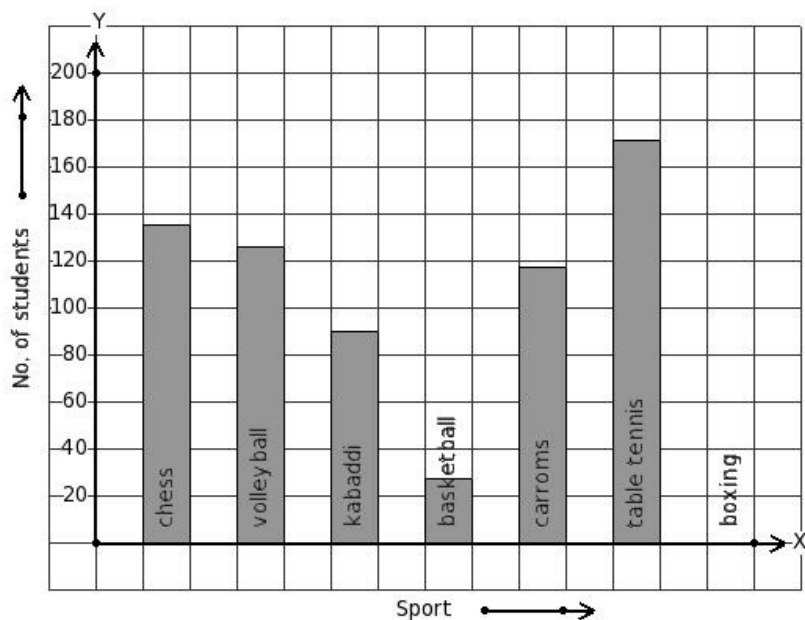
10. The number of sectors present in the pie chart

(i) 6 (ii) 9 (iii) 7 (iv) 8 (v) 5

11. Shown below is the total food grain production of 315 million tonnes over 5 years. Find the year that has maximum food grain production.

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

12. If the upper and lower limit of class interval are 48 and 46 respectively, then the class interval is

(i) 45.5-48 (ii) 46.5-47.5 (iii) 45.5-48.5 (iv) 46-48.5 (v) 46-48

13. A survey of 70 men showed that only 20 of them know French. Out of these men, if one is selected at random, what is the probability that the selected man knows French?

(i) $\dfrac{1}{7}$ (ii) $\dfrac{2}{7}$ (iii) $\dfrac{5}{7}$ (iv) $\dfrac{3}{8}$ (v) $\dfrac{3}{7}$

14. The following bar graph gives data regarding the favourite sport of 666 students of a school. Identify the table for the given bar diagram.
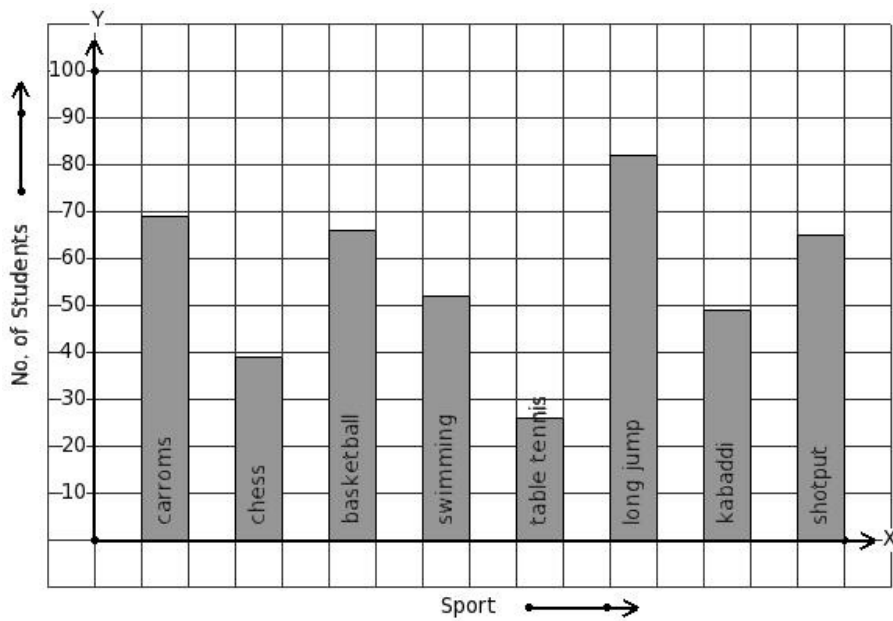

(i)

Sport	chess	volleyball	kabaddi	basketball	carroms	table tennis	boxing
No. of students	117	135	27	171	90	126	0

(ii)

Sport	chess	volleyball	kabaddi	basketball	carroms	table tennis	boxing
No. of students	27	171	126	0	117	90	135

(iii)

Sport	chess	volleyball	kabaddi	basketball	carroms	table tennis	boxing
No. of students	135	126	90	27	117	171	0

(iv)

Sport	chess	volleyball	kabaddi	basketball	carroms	table tennis	boxing
No. of students	117	90	27	171	0	126	135

(v)

Sport	chess	volleyball	kabaddi	basketball	carroms	table tennis	boxing
No. of students	171	126	117	135	90	27	0

15. Two unbiased coins are tossed simultaneously. Find the probability of getting no head.
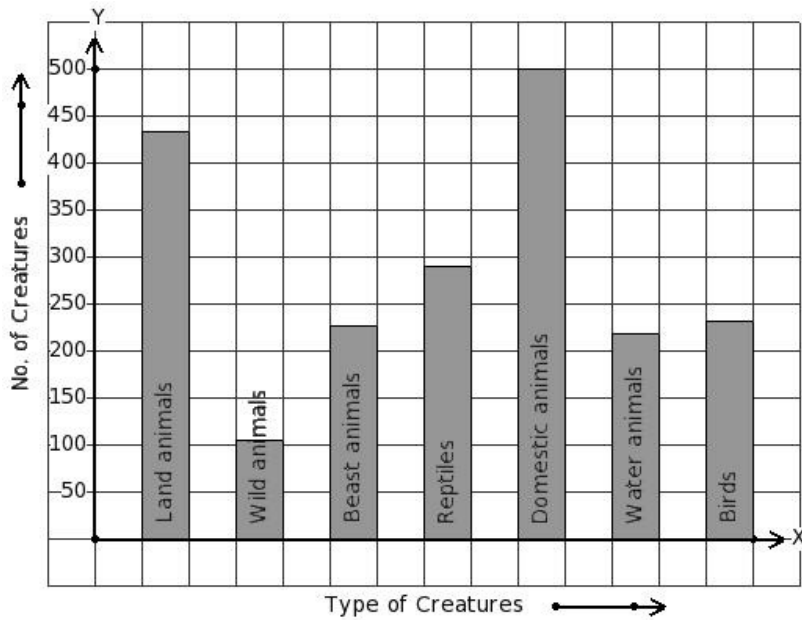
(i) $\dfrac{3}{4}$ (ii) $\dfrac{2}{5}$ (iii) 0   (iv) $\dfrac{1}{2}$ (v) $\dfrac{1}{4}$

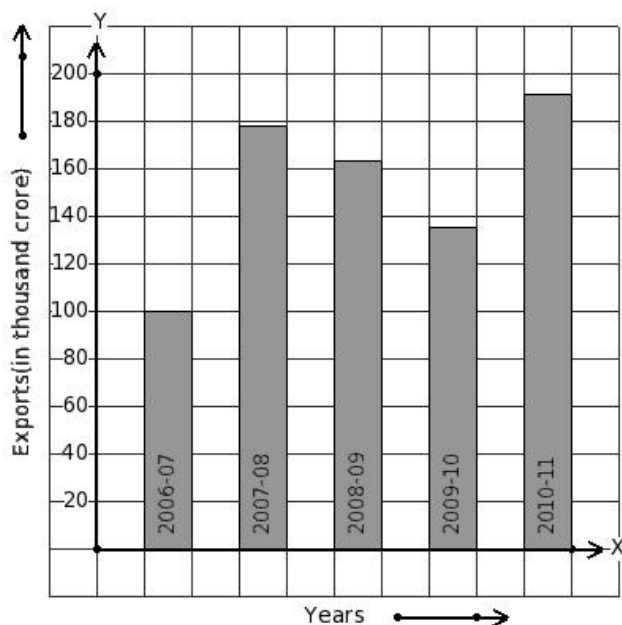16. The number of bars present in the bar chart of the following table is

(i) 6 (ii) 9 (iii) 10 (iv) 7 (v) 8

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

(i) Domestic animals (ii) Reptiles (iii) Wild animals (iv) Land animals (v) Beast animals
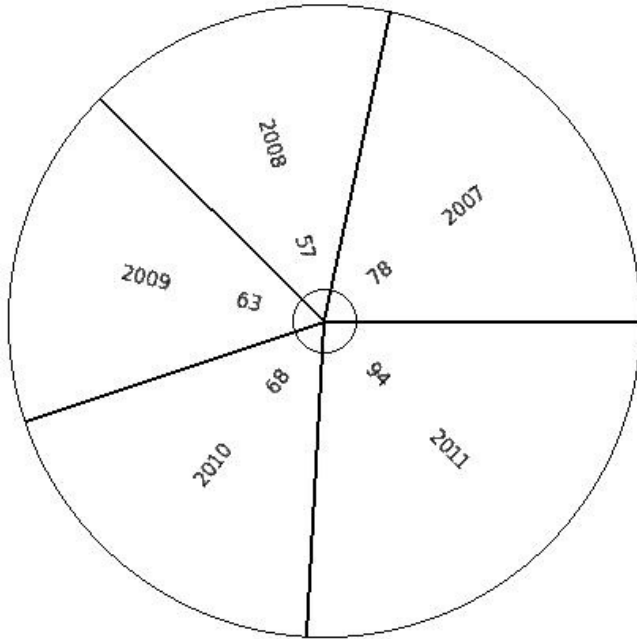
18. The following bar graph shows the export earnings of a country (in thousand crore) during five years. Find the year that has 100 thousand crore export earnings.

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

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19. 59 cards are numbered 1,2,3,....59 and put in a box and mixed thoroughly. A card is drawn at random. What is the probability that the number on the drawn card is less then 15?

(i) $\dfrac{14}{59}$ (ii) $\dfrac{13}{59}$ (iii) $\dfrac{45}{59}$ (iv) $\dfrac{15}{59}$ (v) $\dfrac{1}{4}$

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20. When two coins are tossed simultaneously, how many elementary events are possible?

(i) 3 (ii) 5 (iii) 4 (iv) 1 (v) 6

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21. A die is thrown 110 times. Prime numbers appeared on the upper face 100 times. If a die is thrown at random, what is the probability of getting a prime number?

(i) $\dfrac{11}{12}$ (ii) $\dfrac{1}{11}$ (iii) $\dfrac{9}{11}$ (iv) $\dfrac{10}{11}$ (v) 1

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22. When two dice are thrown simultaneously, how many elementary events are possible?

(i) 38 (ii) 33 (iii) 35 (iv) 37 (v) 36

23. Shown below is the total food grain production of 345 million tonnes over 5 years. Find the year that has 75 million tonnes food grain production.

(i) 2007 (ii) 2010 (iii) 2008 (iv) 2009 (v) 2011
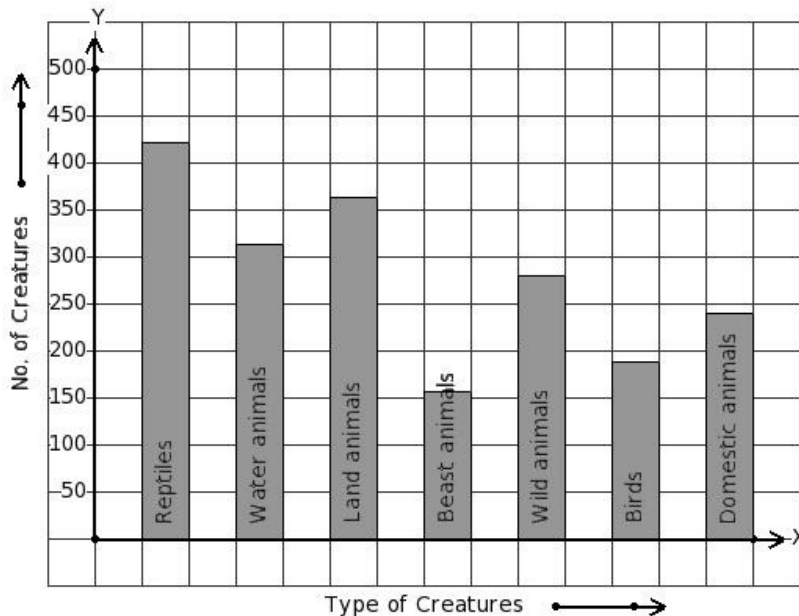
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24. The following table gives the data regarding the favourite sport of 387 students of a school. Find the pie chart sector angle for "hockey"

Sport	hockey	kabaddi	swimming	cricket	wrestling	boxing	basketball
No. of students	63	36	45	72	99	54	18

(i) 60.60° (ii) 56.60° (iii) 57.60° (iv) 59.60° (v) 58.60°

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25. There are certain creatures in a zoo. Find the type of creature that has 314 creatures presense in the zoo.

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

Assignment Key

1) (iv)	2) (v)	3) (iv)	4) (iv)	5) (iii)	6) (ii)
7) (iii)	8) (iii)	9) (i)	10) (iii)	11) (i)	12) (v)
13) (ii)	14) (iii)	15) (v)	16) (v)	17) (iii)	18) (i)
19) (i)	20) (iii)	21) (iv)	22) (v)	23) (i)	24) (v)
25) (iv)					