11-12 YEARS | WEEK 33
Math-EverydayMath

1.Use the chart to answer the questions

2.Fun with Ages

3.Saving money

4.What is the value of the objects

5.What is the value of the objects

6.What is the value of the objects

7.Minimum weight puzzle

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9.Magic triangles

10.Calculate

11.Read and complete

12.Symmetry

13.Set theory – Basic vocabulary

14.Set theory – Venn diagram

15.Set theory – Venn diagram

16.Set theory – Probability

17.Set theory – Probability

18.Graphs – Plot the coordinates

19.Graphs – Coordinate graphing

20.Graphs – Location on grid

Use the chart to answer the questions

```
dogs     X  X  X  X  X | X  X  X  X  X | X
cats     X  X  X  X  X | X  X  X
turtles  X  X  X  X  X
snakes   X  X  X
```

1. If there are 66 dogs, then each X = _____ animals

2. Number of turtles = _____

3. The snakes are in what fraction of the total animals: _____
4. If 18 snakes were added, the fraction of snake to total animals
   would be _____
5. Number of mammals: _____

Who ran the shorter amount of time?

Mike and Jack are training for a marathon.

1. Mike ran for 2 hours and 45 minutes on Saturday and from 7:42 a.m. to 8:36 a.m. On Sunday.

2. Jack ran for 1 hour and 15 minutes On Saturday and twice that long on Sunday.

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Fun with Ages.

Consider Rita's present age to be y years

1. What will be her age 5 years from now?

2. What was her age 3 years back?

3. Rita's grandfather is 6 times her age. What is the age of her grandfather?

4. Rita's grandmother is 2 years younger than grandfather. What is grandmother 's age?

5. Rita's father's age is 5 years more than 3 times Sarita's age. What is her father's age?

Let us assume that Rita's age is 9 years. Can you plot the age bar graph of Rita's family based on the above information?

Rita

Grandmother

Grandfather

Father

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Saving money

Kiara is saving money for a table-tennis racquet. On her birthday on 31st August, her grandmother gave her Rs. 200 to start her off.

She starts saving on 1st September and puts Rs. 5 in her money box. On the 2nd, she puts another Rs. 5 in and carries on saving Rs. 5 every day.

1. How much will she have on 10th September?

2. How much will she have on 10th October?

Her uncle told Kiara that if she had Rs. 500 by the end of December, he would give her an extra 50% of the money she has saved.

3. Will she make it? If so, how much extra will her uncle give?

4. Will she be able to buy a racquet for Rs. 1,200 by January?

5. By which month will she be able to buy the racquet?

Answers

1. Rs. 30   2. Rs. 120   3. Yes, she will have Rs. 610 and her would pay Rs. 305 to her   4. No   5. By end of February

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