Sixth Grade - Ratio and Proportion

1) There are 6 Cakes, 7 Chocolates, 2 Hamburgers. Find the ratio of Chocolates to total no of food items

- 5 : 15
- 2 : 10
- 10 : 20
- 7 : 15

2) There are 12 Roses, 7 Tulips, 12 marigolds in a basket. Find the ratio of marigold to total no of flowers.

- 5 : 10
- 11 : 12
- 22 : 20
- 12 : 31

3) There are 35 Cars, 12 Buses, 45 Cycles in a Ground. Find the ratio of Cycles to total no of Vehicles.

- 20 : 55
- 15 : 72
- 19 : 29
- 45 : 92

4) There are 6 Red Candies, 12 Blue candies, 4 Green candies in a Candy shop. Find the ratio of Blue candies to total no of Candies.

- 5 : 11
- 6 : 11
- 3 : 9
- 2 : 9

5) There are 16 Red balls, 22 Blue balls, 34 Green balls in a shop. Find the ratio of Red balls to total no of balls

- 3 : 5
- 1 : 8
- 2 : 9
- 2 : 6

6) There are 34 Story books, 22 Health care books, 30 Magazines in a shop. Find the ratio of Health care books to total no of books.

- 9 : 22
- 22 : 11
- 11 : 43
- 1 : 9

7) There are 45 Black pens, 50 Blue pens, 40 Green pens in a shop. Find the ratio of Blue pens to total no of pens.

- 11 : 33
- 10 : 27
- 4 : 22
- 15 : 33

8) There are 25 Dogs, 23 Pigeons, 40 Guinea pigs in a pet shop. Find the ratio of Guinea pigs to total no of animals

- 5 : 11
- 4 : 22
- 6 : 19
- 3 : 11

9) There are 21Churches, 6 Mosques, 12 Temples in a City. Find the ratio of Churches to total no of Worship places

- 44 : 20
- 11 : 40
- 22 : 10
- 21 : 39

10) Rafael wrote 10 questions out of 15 questions in Maths examination if he continues in this way how many questions will he attempt for 25 Questions?

- 17
- 21
- 5
- 10

11) Rachel wrote 15 questions out of 30 questions in Maths examination if he continues in this way how many questions will he attempt for 50 Questions?

- 25
- 87
- 67
- 40

12) Shaun ate 14 Cookies out of 18 Cookies. If he continues in this way how many will eat he tries for 30 Cookies?

- 10
- 23
- 13
- 33

13) Murphy hits 40 out of 60 balls. If he continues in this way how many balls he will hit out of 80 balls?

- 14
- 19
- 27
- 17

14) Kate garnishes 43 Pizzas out of 60 Pizzas. If he continues in this way how many Pizzas, he will garnish out of 80 Pizzas?

- 57
- 37
- 27
- 17

15) Tom consumes 20 Chocolates out of 60 Chocolates. If he continues in this way how many Chocolates, he will consume out of 80 Chocolates

- 10
- 17
- 27
- 20

16) Harry consumes 2 liters out of 6litres that he had provided. If he continues in this way how many liters he will consume out of 8 liters?

- 5
- 3
- 9
- 1

17) John eats 6 candies out of 10 candies. If he continues in this way how many candies he can eat out of 20 candies?

- 10
- 12

- 18
- 15

18) Damien eats 4 candies out of 12 candies. If he continues in this way how many candies he can eat out of 20 candies?

- 9
- 6
- 7
- 2

19) Daniels eats 24 candies out of 45 candies. If he continues in this way how many candies he can eat out of 70 candies?

- 47
- 37
- 27
- 17

20) Check whether it is a proportion (6/9) = (4/6)

- d) Data Insufficient
- a) It is a Proportion
- c) Both a and b are correct
- b) It is not a Proportion

21) Check whether it is a proportion (3/2) = (9/6)

- b) It is not a Proportion
- c) Both a and b are correct
- d) Data Insufficient
- a) It is a Proportion

22) Check whether it is a proportion (4/3) = (12/9)

- d) Data Insufficient
- b) It is not a Proportion
- c) Both a and b are correct
- a) It is a Proportion

23) Check whether it is a proportion (3/4) = (6/8)

- d) Data Insufficient
- c) Both a and b are correct
- a) It is a Proportion
- b) It is not a Proportion

24) Check whether it is a proportion (2/3) = (4/6)

- c) Both a and b are correct
- d) Data Insufficient
- b) It is not a Proportion
- a) It is a Proportion

25) Check whether it is a proportion (5/2) = (10/4)

- a) It is a Proportion
- d) Data Insufficient
- c) Both a and b are correct
- b) It is not a Proportion

26) Check whether it is a proportion (3/9) = (2/6)

- a) It is a Proportion

- b) It is not a Proportion
- c) Both a and b are correct
- d) Data Insufficient

27) Check whether it is a proportion (3/9) = (4/12)

- b) It is not a Proportion
- c) Both a and b are correct
- d) Data Insufficient
- a) It is a Proportion

28) Check whether it is a proportion (9/3) = (15/5)

- c) Both a and b are correct
- b) It is not a Proportion
- a) It is a Proportion
- d) Data Insufficient

29) Check whether it is a proportion (2/6) = (5/2)

- a) It is a not Proportion
- c) Both a and b are correct
- d) Data Insufficient
- b) It is a Proportion

30) Check whether it is a proportion (3/7) = (6/12)

- b) It is a Proportion
- c) both a and b are correct
- a) It is a not Proportion
- d) Data Insufficient