



## Sixth Grade - Ratio and proportion

1) In a basket, there are 15 roses and 20 tulips. Write the ratio of roses to tulips (Solutions should be in the lowest form).

- 3 : 4
- 2 : 3
- 5 : 4
- 1 : 2

2) In a Zoo, there are 30 Lions and 20 Tigers. Write the ratio of Lions to Tigers (Solutions should be in the lowest form).

- 1 : 3
- 1 : 1
- 3 : 2
- 3 : 5

3) In a Shop, there are 35 Biscuits and 20 Chocolates. Write the ratio of Biscuits to Chocolates (Solutions should be in the lowest form).

- 7 : 4
- 1 : 2
- 3 : 4
- 2 : 4

4) In a Car showroom, there are 63 Benz and 56 Range rover. Write the ratio of Benz to Range rover (Solutions should be in the lowest form).

- 6 : 1
- 9 : 8
- 7 : 9
- 1 : 9



5) In a Car showroom, there are 72 Skoda and 64 Fiat. Write the ratio of Skoda to Fiat (Solutions should be in the lowest form).

- 9 : 8
- 2 : 3
- 4 : 5
- 1 : 9

6) In a Classroom, there are 42 Boys and 36 Girls. Write the ratio of Boys to Girls (Solutions should be in the lowest form).

- 2 : 9
- 1 : 1
- 7 : 6
- 3 : 6

7) In a Ice cream parlor, there are 21 choc-bar's and 35 cones. Write the ratio of choc-bar's to cones (Solutions should be in the lowest form) .

- 2 : 9
- 3 : 5
- 2 : 4
- 3 : 4

8) In a Chocolate factory, there are 25000 candy's and 35000 milk chocolates. Write the ratio of candy's to milk chocolates (Solutions should be in the lowest form).

- 5 : 5
- 7 : 9
- 1 : 9
- 7 : 5



9) In a Juice shop, there are 40 Coke bottles and 75 Mountain dew bottles. Write the ratio of coke bottles to mountain dew bottles (Solutions should be in the lowest form).

- 8 : 8
- 5 : 9
- 1 : 9
- 8 : 15

10) In a Pet shop, there are 39 Kittens and 91 Puppies. Write the ratio of Kittens to Puppies (Solutions should be in the lowest form).

- 3 : 7
- 4 : 7
- 2 : 7
- 1 : 7

11) Find the three equal ratios of  $\frac{3}{4}$

- $\frac{1}{3}$
- $\frac{17}{22}$
- $\frac{22}{19}$
- $\frac{12}{16}$

12) Find the three equal ratios of  $\frac{4}{5}$

- $\frac{21}{28}$
- $\frac{16}{20}$
- $\frac{10}{20}$
- $\frac{12}{24}$

13) Find the three equal ratios of  $\frac{7}{8}$

- $\frac{28}{32}$



- $12/24$
- $11/33$
- $21/28$

14) Find the three equal ratios of  $8/7$

- $12/24$
- $32/28$
- $33/15$
- $11/22$

15) Find the three equal ratios of  $5/2$

- $10/5$
- $20/8$
- $20/4$
- $12/6$

16) Find the three equal ratios of  $3/7$

- $12/28$
- $11/22$
- $21/27$
- $11/24$

17) Find the three equal ratios of  $4/3$

- $2/3$
- $21/24$
- $10/20$
- $16/12$



18) Find the three equal ratios of  $\frac{6}{9}$

- $\frac{12}{24}$
- $\frac{10}{25}$
- $\frac{24}{36}$
- $\frac{33}{44}$

19) Find the three equal ratios of  $\frac{5}{6}$

- $\frac{11}{22}$
- $\frac{10}{20}$
- $\frac{20}{24}$
- $\frac{21}{24}$

20) Find the three equal ratios of  $\frac{4}{7}$

- $\frac{11}{22}$
- $\frac{24}{22}$
- $\frac{16}{28}$
- $\frac{5}{10}$

21) Which of the following is different from others.

- $1 : 2$
- $5 : 4$
- $3 : 4$
- $5 : 2$

22) Which of the following is different from others.

- $5 : 19$
- $20 : 11$
- $1 : 5$
- $2 : 3$



23) Which of the following is different from others.

- 40 : 30
- 11 : 22
- 10 : 20
- 20 : 30

24) Which of the following is different from others.

- 45 : 20
- 10 : 20
- 25 : 30
- 35 : 50

25) Which of the following is different from others.

- 15 : 20
- 10 : 20
- 35 : 20
- 5 : 10

26) Which of the following is different from others.

- 33 : 29
- 11 : 33
- 33 : 22
- 10 : 20

27) Which of the following is different from others.



- 2 : 25
- 1 : 30
- 5 : 20
- 2 : 10

28) Which of the following is different from others.

- 15 : 45
- 10 : 15
- 35 : 45
- 25 : 30

29) Which of the following is different from others.

- 6 : 20
- 1 : 10
- 2 : 10
- 5 : 10

30) Which of the following is different from others.

- 15 : 35
- 10 : 20
- 25 : 50
- 45 : 70