

16

Check whether these two fractions are equivalent or not:

$$\frac{18}{35} \text{ and } \frac{180}{385}$$

Yes No

17

Check whether these two fractions are equivalent or not:

$$\frac{66}{22} \text{ and } \frac{396}{132}$$

Yes No

18

Convert the following fraction into its lowest form -

$$\frac{27}{72}$$

$\frac{5}{6}$ $\frac{4}{8}$ $\frac{4}{6}$ $\frac{3}{8}$

19

Convert the following fraction into its lowest form -

$$\frac{578}{320}$$

$\frac{289}{160}$ $\frac{298}{160}$ $\frac{289}{106}$ $\frac{298}{106}$

20

Convert the following fraction into its lowest form -

$$\frac{300}{400}$$

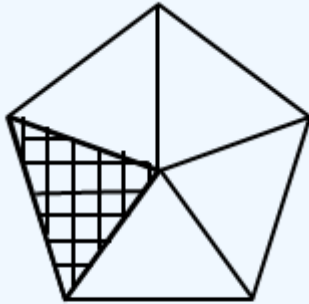
$\frac{1}{4}$ $\frac{2}{3}$ $\frac{1}{3}$ $\frac{3}{4}$

21

Convert the following fraction into its lowest form -

- $\frac{55}{94}$ $\frac{65}{98}$ $\frac{65}{97}$ $\frac{75}{98}$

22

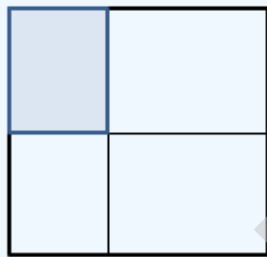


What is the fraction of the shaded portion of the given figure ?

- $\frac{1}{6}$ $\frac{1}{5} \frac{1}{5}$ $\frac{4}{5}$ $\frac{0}{5}$

23

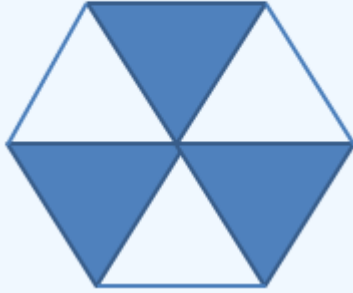
What is the fraction of the shaded region in the given figure?



- $\frac{1}{3}$ $\frac{1}{2}$ $\frac{1}{4}$ None of these

24

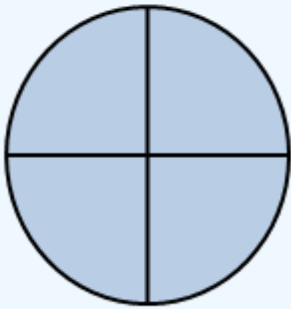
What is the area of the unshaded region in the given figure?



- $\frac{1}{6}$ $\frac{1}{2}$ $\frac{4}{6}$ $\frac{2}{6}$

25

What is the fraction of the shaded region ?



- $\frac{1}{4}$ $\frac{2}{4}$ $\frac{3}{4}$ $\frac{4}{4}$

26

Which of the following is not an improper fraction ?

- $\frac{4}{2}$ $\frac{12}{12}$ $\frac{49}{24}$ $\frac{12}{11}$

27

Rahul and Rahim were having their lunch. Ravi comes and requests them to share their food as he did not have any. If Rahul brought 6 chapattis and Rahim brought the same, how will they share the food equally?

- Half of Rahul's lunch for himself, Half of Rahim's lunch for himself; rest for Ravi
- Half of both Rahul's and Rahim's lunch for Ravi and the rest divided equally between Rahul and Rahim.
- Two thirds of Rahim's lunch for himself, two-thirds of Rahul's lunch for himself and the rest for Ravi.
- Three fourth of Rahim's lunch for himself, three fourth of Rahul's lunch for himself and the rest for Ravi.

28

Which of these is a like fraction ?

- $\frac{4}{2}, \frac{2}{1}$ $\frac{15}{65}, \frac{37}{64}$ $\frac{60}{11}, \frac{11}{60}$ None of these

29

Which of these is a like fraction ?

- $\frac{94}{2}, \frac{284}{22}$ $\frac{1}{2}, \frac{35}{68}$ $\frac{4}{2}, \frac{4}{3}$ None of these

30

Which of these is an unlike fraction ?

- $\frac{4}{2}, \frac{457}{2}$ $\frac{123}{2}, \frac{364}{2}$ $\frac{241}{246}, \frac{41}{246}$ $\frac{163}{102}, \frac{403}{103}$

31

What sign must be assigned to the given comparison?

<, > or = ?

$$\frac{1}{2}, \frac{1}{4}$$

- < > = None of these

32

What sign must be assigned to the given comparison ?

<, > or = ?

$$\frac{2}{1}, \frac{999}{576}$$

- < > = None of these

33

What sign must be assigned to the given comparison?
< , > or = ?

$$\frac{49}{12} \text{ ' } \frac{98}{24}$$

- < > = None of these

34

Meena baked a cake and divided it into eight equal pieces. She gave two pieces to her brother and the same number of pieces to her sister. She gave one fourth of the remaining amount of cake to her mom and dad. How many pieces of cake will Meena have now ?

- 2 3 4 5

35

Convert the following into an improper fraction -
 $3\frac{1}{8}$

- $\frac{27}{9}$ $\frac{35}{8}$ $\frac{26}{8}$ $\frac{25}{8}$

36

Which of the following fractions is not equivalent to $\frac{4}{5}$?

- $\frac{40}{50}$ $\frac{12}{15}$ $\frac{16}{20}$ $\frac{9}{15}$

37

Express $\frac{8}{25}$ as a decimal-

- 0.42 0.36 0.32 0.62

38

Express $\frac{9}{500}$ as a decimal

- 0.081 0.18 0.018 0.81

39

Express $\frac{9876}{100000}$ as a decimal

- 0.9876 0.09876 0.009876 9.87600

40

Which of these fractions is the greatest ?

$\frac{2}{3}$, $\frac{1}{3}$, $\frac{3}{3}$, $\frac{4}{3}$

- $\frac{2}{3}$ $\frac{1}{3}$ $\frac{3}{3}$ $\frac{4}{3}$

41

What is the fraction of 8 hours of a day ?

- $\frac{1}{4}$ $\frac{1}{5}$ $\frac{1}{3}$ $\frac{1}{24}$

42

What fraction of a day is 24 hours ?

- $\frac{1}{2}$ $\frac{1}{3}$ $\frac{24}{1}$ A whole

43

Why is it that $\frac{1}{1}$ is called a whole ?

- Since it represents the entire quantity and not a portion of it
 Since it represents most of the quantity
 Since it represents one portion of the entire quantity
 This expression cannot be called a whole

44

What are equivalent fractions ?

- Fractions which have the numerator greater than the denominator.
 Fractions which have the denominator greater than the numerator.
 Fractions which have the same value. Fractions that have equal denominators.

45

What is the fraction of the stars which are coloured in the darker blue?



- $\frac{8}{5}$ $\frac{8}{3}$ $\frac{3}{8} \frac{3}{8}$ $\frac{5}{8}$

46

Who among these invented fractions ?

- The French The Egyptians The Indians The Americans

47

If $\frac{3}{15} = \frac{18}{x}$, then find out the value of x

- 60 75 90 57

48

Which of the following is the odd one out ?

- $\frac{3}{5}$ $\frac{4}{12}$ $\frac{6}{18}$ $\frac{2}{6}$

49

Find the value of $\frac{15}{20} + \frac{9}{20}$

- $\frac{14}{20}$ $\frac{21}{20}$ $\frac{15}{20}$ $\frac{24}{20}$

50

Find the value of $\frac{23}{30} - \frac{19}{30}$

- $\frac{3}{30}$ $\frac{4}{30}$ $\frac{3}{60}$ $\frac{5}{60}$

51

Which among the following is an unlike fraction ?

- $\frac{2}{6}$, $\frac{37}{6}$ and $\frac{3}{6}$ $\frac{2}{4}$, $\frac{37}{4}$ and $\frac{3}{49}$ $19\frac{2}{8}$, $11\frac{4}{8}$, $\frac{2}{8}$ $\frac{2}{45}$, $\frac{17}{45}$ and $\frac{73}{45}$

52

Which among the following is an unlike fraction ?

- $\frac{5}{4}$, $\frac{37}{4}$ and $\frac{91}{40}$ $\frac{78}{4}$, $\frac{37}{4}$ and $\frac{1}{4}$ $\frac{82}{35}$, $\frac{10}{35}$ and $\frac{67}{35}$ None of these

53

Which among the following are like fractions?

- $\frac{43}{18}$, $\frac{49}{18}$, $\frac{97}{18}$ $6\frac{3}{9}$, $6\frac{12}{19}$, $6\frac{13}{17}$ $\frac{6}{1}$, $\frac{6}{11}$, $\frac{6}{26}$ None of these

54

Which among the following are like fractions ?

- $9\frac{43}{24}$, $9\frac{43}{31}$, $9\frac{43}{37}$ $\frac{17}{24}$, $\frac{49}{94}$, $\frac{97}{112}$ $\frac{43}{24}$, $\frac{27}{17}$, $\frac{14}{19}$ None of these

55

What is a mixed fraction ?

- It is when two or more fractions have the same numerator
- A fraction where the numerator and the denominator are equal
- It is when the numerator is greater than the denominator
- A mixed fraction is a whole number and a fraction combined into one

56

What is a proper fraction ?

- A fraction in which the denominator is greater than the numerator
- A fraction in which the numerator is greater than the denominator
- A fraction which includes a whole number and a fraction
- Two or more fractions which have the same value

57

What is an improper fraction ?

- A fraction in which the denominator is greater than the numerator
- A fraction in which the numerator is greater than the denominator
- A fraction which includes a whole number and a fraction
- Two or more fractions which have the same value

58

Find the value of $\frac{354}{2345} - \frac{163}{2345}$

- $\frac{163}{2345}$
- $\frac{199}{2345}$
- $\frac{191}{2345}$
- $\frac{191}{1}$

59

Find the value of $\frac{987}{123} + \frac{123}{123}$

- $\frac{1110}{246}$
- $\frac{1110}{123}$
- $\frac{110}{246}$
- $\frac{864}{123}$

60

What is the equivalent fraction of $\frac{67}{19}$ among the given options

- $\frac{803}{228}$
- $\frac{804}{228}$
- $\frac{805}{228}$
- $\frac{804}{339}$

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