

## Glossary

English	Русский	O'zbek
Calculate	Окружность	Aylana uzunligi
Common Factor	Общий делитель	Umumiy bo'luvchi
Convert	Перевести	Aylantirish
Decimal	Десятичная дробь	O'nlik kasr
Digit	Цифра	Raqam
Difference	Разность	Ayirma
Divisible	Делимый	Bo'linadigan
Equation	Уравнение	Tenglama
Expression	Выражение	Ifoda
Fraction	Дробь	Kasr
Find	Найти	Toping
Integer	Целое число	Butun son
Multiplication	Умножение	Ko'paytirish
Percentage	Процент	Foiz
Perimeter	Периметр	Perimetr
Proportion	Пропорция	Proporsiya
Ratio	Отношение	Nisbat
Rectangle	Прямоугольник	To'rtburchak
Scale	Масштаб	Masshtab
Simplification	Упрощение	Soddalashtirish
Solution	Решение	Yechim
Square	Квадратный	Kvadrat
Sum	Сумма	Yig'indi
Triangle	Треугольник	Uchburchak

1. Calculate:

$$\frac{3}{8} * 2\frac{2}{3} + 4\frac{1}{2} * 3\frac{1}{9} - 5$$

- A) 3
- B) 7
- C) 10
- D) 14
- E) 20

2. Find 90% from 83

- A) 72.5
- B) 73.5
- C) 73.7
- D) 74.7
- E) 77.4

3. Each batch of cookie mix need 0.4 cups of sugar, and each batch can make 16 cookies. If Ashley is making 4 batches of cookies, how much sugar does she need?

- A) 0.4
- B) 0.8
- C) 1.6
- D) 4
- E) 16

4. Calculate

$$0.42 + 3.81 - 1.63 * 2$$

- A) 2.6
- B) 0.97
- C) 0.25
- D) 3
- E) 7.23

5. Convert the given measures to meters:

31 km

- A) 310 *m*
- B) 3100 *m*
- C) 31000 *m*
- D) 310000 *m*
- E) 31 *m*

6. Convert the following fraction to decimal

$$\frac{9}{25}$$

- A) 0.09
- B) 0.25
- C) 0.33
- D) 0.36
- E) 0.9

7. Convert the following decimal to fraction:

$$0.86$$

- A)  $\frac{33}{100}$
- B)  $\frac{43}{50}$
- C)  $\frac{86}{50}$
- D)  $\frac{43}{100}$
- E)  $\frac{83}{100}$

8. Ellen planned to interview some applicants for a position in her office. If she scheduled  $\frac{1}{4}$  of an hour to meet each of them, how much time did she schedule for all 6 applicants?

- A)  $1\frac{1}{2}$
- B)  $1\frac{3}{2}$
- C)  $\frac{4}{2}$
- D)  $\frac{7}{4}$
- E)  $\frac{5}{4}$

9. Calculate

$$0,17 + 0,88 - 0,29 * 3,1$$

- A) 0,021
- B) 0,151
- C) 0,211
- D) 1,05
- E) 2,356

10. Simplify the fraction

$$\frac{48}{96}$$

- A)  $\frac{1}{2}$
- B)  $\frac{3}{6}$
- C)  $\frac{12}{24}$
- D)  $\frac{6}{12}$
- E)  $\frac{24}{48}$

11. You are given a triangle with sides 7 cm, 8 cm and 9 cm. Calculate the perimeter of this triangle

- A) 24
- B) 28
- C) 56
- D) 504
- E) 789

12. In a class, 11 students have a birthday in the first half of the year, and 14 students have a birthday in the second half of the year. Which part of the class has a birthday in the second half of the year?

- A)  $\frac{11}{25}$
- B)  $\frac{14}{25}$
- C)  $\frac{11}{14}$
- D)  $\frac{14}{11}$
- E) 14

13. Choose a number in place of \* so that  $95*$  is divisible by 2 evenly.

- A) 954
- B) 955
- C) 959
- D) 957
- E) 953

14. What is the minimum number of rectangular slabs measuring 6 cm by 8 cm that must be taken to obtain a square floor?

- A) 6
- B) 8
- C) 10
- D) 12
- E) 24

15. The turtle says: "I have lived 44 years, 44 months, 44 weeks, 44 days and 44 hours." How many *full* years is a turtle?

- A) 46
- B) 47
- C) 48
- D) 49
- E) 50

16. The length of the road between the cities is 2400 km. The map scale is 1:200,000,000. How long will the line representing this route on the map be? Give your answer in millimetres.

- A) 0.12
- B) 1.2
- C) 12
- D) 120
- E) 1200

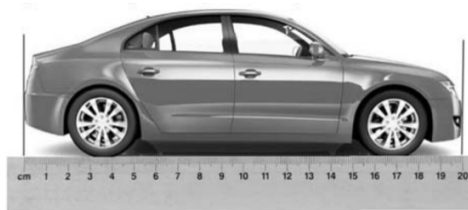
17. A 40-liter car tank was filled with gasoline to 80%. During the trip, 25% of the gasoline was used. How many liters of gasoline were left after the trip?

- A) 10
- B) 24
- C) 30
- D) 32
- E) 36

18. There are 27 students in a class. All students study at least one foreign language. Of these, 18 students study English and 15 study French. How many students study both languages?

- A) 3
- B) 6
- C) 9
- D) 10
- E) 12

19. The picture shows a model of a car on a scale of 1:24. Using the data in the picture, determine the actual length of the car.



- A) 4 m
- B) 4 m 40 cm
- C) 4 m 60 cm
- D) 4 m 80 cm
- E) 5 m

20. Select the answer option with the highest value.

- A)  $0,720 + 0,004$
- B)  $0,072 + 0,400$
- C)  $0,0072 + 0,04$
- D) All values are equal
- E) Not enough information

21. Select the answer option with the highest value, knowing that  $n < 8$

- A)  $n$
- B) 7
- C) 4
- D) All values are equal
- E) Not enough information

22. Select the answer option with the highest value.

- A) The value of a number that when multiplied by 6 gives 6
- B) The value of a number that when multiplied by 5 gives 5
- C) The value of a number that when multiplied by 4 gives 4
- D) All values are equal
- E) Not enough information

23. Select the answer option with the highest value.

- A) The largest odd number less than 29
- B) The smallest odd number greater than 27
- C) 27
- D) All values are equal
- E) Not enough information

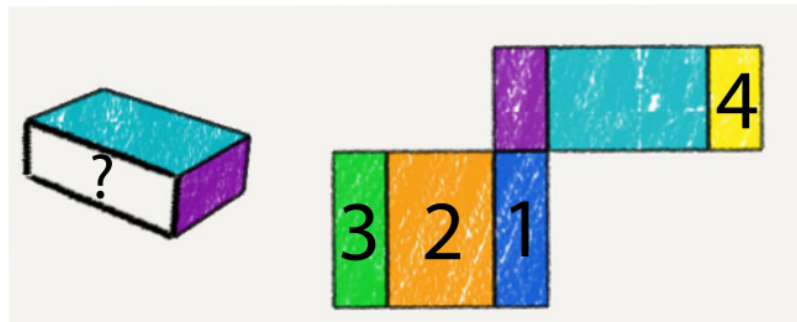
24. Select the answer option with the highest value.

- A) 3 hours 40 minutes + 2 hours 40 minutes
- B) 7 hours 20 minutes – 40 minutes
- C) 8 hours 30 minutes – 1 hours 40 minutes
- D) All values are equal
- E) Not enough information

25. Select the answer option with the highest value.

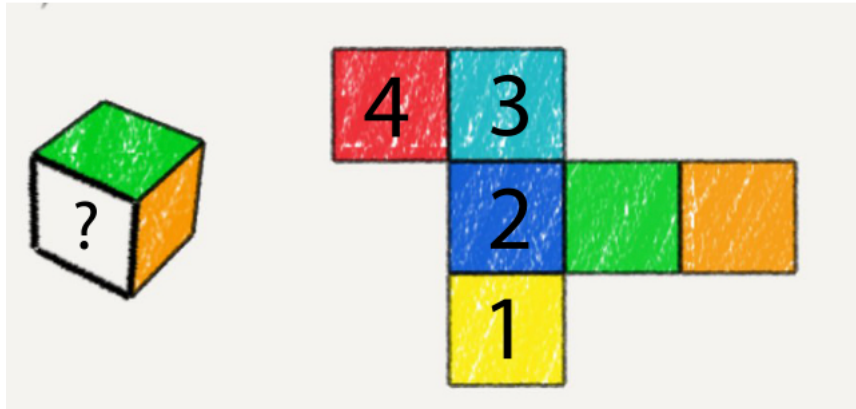
- A) 29 days
- B) 30 days
- C) Number of days in a month x
- D) All values are equal
- E) Not enough information

26. Find the number of the face that should be on the left side of the picture under the question mark (?)



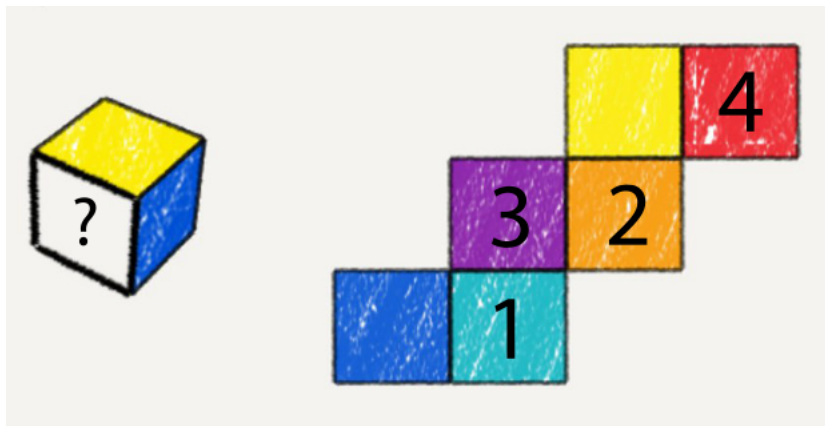
- A) 1
- B) 2
- C) 3
- D) 4
- E) Unable to determine

27. Find the number of the face that should be on the left side of the picture under the question mark (?)



- A) 1
- B) 2
- C) 3
- D) 4
- E) Unable to determine

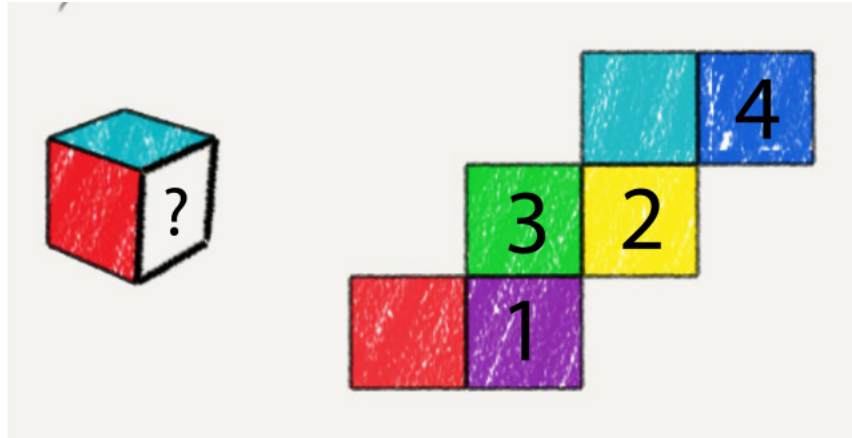
28. Find the number of the face that should be on the left side of the picture under the question mark (?)



- A) 1
- B) 2
- C) 3
- D) 4
- E) Unable to determine

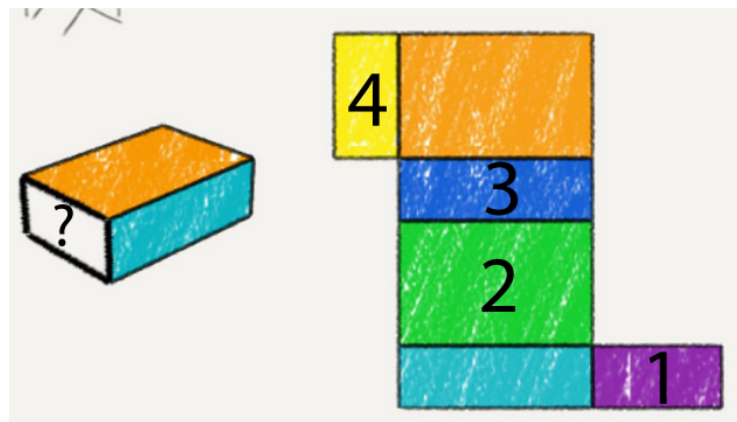


29. Find the number of the face that should be on the left side of the picture under the question mark (?)



- A) 1
- B) 2
- C) 3
- D) 4
- E) Unable to determine

30. Find the number of the face that should be on the left side of the picture under the question mark (?)



- A) 1
- B) 2
- C) 3
- D) 4
- E) Unable to determine