Дата \_\_\_\_\_\_\_\_\_\_\_\_\_ Фамилия, имя \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Класс \_\_\_\_\_\_\_

**Тестирование по теме «Прямая. Отрезок. Луч. Угол. Треугольник»**

**1 Вариант.**

1. **Как называется линия, которая не имеет ни начала, ни конца?**

1) луч 3) угол

2) отрезок 4) прямая

 **2. Как называется линия, которая имеет начало, но не имеет конца?**

1) луч 3) угол

2) отрезок 4) прямая

 **3. Длину отрезка измеряют с помощью:**

 1) транспортира 3) линейки

 2) циркуля 4) угольника

 **4. Угол, градусная мера которого равна 900, называется:**

 1) тупой 3) прямой

 2) развёрнутый 4) острый

 **5. Угол, градусная мера которого меньше 1800 и больше 900, называется:**

 1) тупой 3) прямой

 2) развёрнутый 4) острый

 **6. Фигура, которая состоит из трёх точек, не лежащих на одной прямой, и трех отрезков,**

 **которые соединяют эти точки, называется:**

 1) треугольник 3) угол

 2) отрезок 4) прямая

 **7. Треугольник, у которого две стороны равны, называется:**

 1) равнобедренный 3) разносторонний

 2) равносторонний 4) прямоугольный

 **8. Если все углы треугольника острые, то он называется:**

 1) прямоугольный 3) тупоугольный

 2) остроугольный 4) равносторонний

 **9. Если один из углов треугольника тупой, то он называется:**

 1) прямоугольный 3) тупоугольный

 2) остроугольный 4) равносторонний

 **10. Углы треугольника равны 300, 900, 600. Определите вид треугольника:**

 1) прямоугольный 3) тупоугольный

 2) остроугольный 4) равносторонний

 **11. Стороны треугольника равны 4 см, 5 см, 4 см. Определите вид треугольника:**

 1) равнобедренный 3) разносторонний

 2) равносторонний 4) прямоугольный

 **12. Периметр равностороннего треугольника равен 36 см. Найти сторону этого**

 **треугольника:**

1. 9 см 3) 6 см
2. 12 см 4) определить невозможно

 Оценка: \_\_\_\_\_\_\_

Решить задачи:

1. Одна сторона треугольника равна 24 см, вторая сторона – на 18 см больше первой, а третья сторона – в 2 раза меньше второй. Найдите периметр треугольника.

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1. Одна сторона прямоугольника равна 16 см, а вторая – на 6 см длиннее. Найдите периметр и площадь прямоугольника.

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1. Ширина прямоугольного параллелепипеда равна 15 дм, длина – на 3 дм больше ширины, а высота – в 3 раза меньше длины. Найдите объем данного параллелепипеда.

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Дата \_\_\_\_\_\_\_\_\_\_ Фамилия, имя \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Класс \_\_\_\_\_

**Тестирование по теме «Прямая. Отрезок. Луч. Угол. Треугольник»**

**2 Вариант.**

1. **Как называется линия, которая имеет и начало и конец?**

1) луч 3) угол

2) отрезок 4) прямая

 **2. Если из одной точки провести два луча, то получим фигуру, которая называется:**

1) луч 3) угол

2) отрезок 4) прямая

 **3. Градусную меру углов измеряют с помощью:**

 1) транспортира 3) линейки

 2) циркуля 4) угольника

 **4. Угол, градусная мера которого меньше 900, называется**

 1) тупой 3) прямой

 2) развёрнутый 4) острый

 **5. Угол, градусная мера которого равна 1800, называется:**

 1) тупой 3) прямой

 2) развёрнутый 4) острый

 **6. Треугольник, у которого все стороны разной длины, называется:**

 1) равнобедренный 3) разносторонний

 2) равносторонний 4) прямоугольный

 **7. Треугольник, у которого три стороны равны, называется:**

 1) равнобедренный 3) разносторонний

 2) равносторонний 4) прямоугольный

 **8. Если один из углов треугольника равен 900, то он называется:**

 1) прямоугольный 3) тупоугольный

 2) остроугольный 4) равносторонний

 **9. Сумму длин всех сторон треугольника называют:**

 1) сантиметром 3) периметром

 2) градусом 4) нет названия

 **10. Углы треугольника равны 350, 850, 600. Определите вид треугольника:**

 1) прямоугольный 3) тупоугольный

 2) остроугольный 4) равносторонний

 **11. Стороны треугольника равны 18 см, 11 см, 8 см. Определите вид треугольника:**

 1) равнобедренный 3) разносторонний

 2) равносторонний 4) прямоугольный

 **12. Стороны треугольника равны 24 см, 6 см, 22 см. Найти периметр треугольника.**

1. 19 см 3) 46 см
2. 52 см 4) определить невозможно

 Оценка: \_\_\_\_\_\_\_

Решить задачи:

1. Одна сторона треугольника равна 12 см, вторая сторона в 3 раза больше первой, а третья – на 8 см меньше второй. Найдите периметр треугольника.

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1. Одна сторона прямоугольника равна 48 см, а вторая – в 8 раз короче. Найти периметр и площадь прямоугольника.

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1. Высота прямоугольного параллелепипеда равна 20 см, что на 4 см меньше его длины и в 5 раз больше его ширины. Найти объем данного параллелепипеда.

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