**Констатирующая контрольная работа**

**по математике (демоверсия)**

за III четверть

6 класс

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| *Справочный материал*Формулы длины окружности и площади круга$$C=2πr$$$$C=πD$$$$S=πr^{2}$$ |

1. (1 балл) Найдите длину окружности, диаметр которой равен 2,3 см.

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1. (1 балл) Найдите площадь круга, радиус которого равен 1,2 мм.

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1. (1 балл) На диаграмме показаны виды кровли домов жителей поселка. По вертикальной оси указано количество домов. Сколько домов в данном поселке?

Ответ :

1. (1 балл) Найдите значение выражения $\left|y+9\right| при y=-5.$

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1. (1 балл) Выполни действие:

 $-\frac{5}{12}∙2\frac{2}{3}-7\frac{2}{3}∙(-\frac{1}{6})$.

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1. (1 балл) Найди значение выражения:

$$x^{2}-\frac{2}{3}, если x=-1$$

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1. (2 балла) Для компота берут сухофрукты изюм, яблоки и груши в отношении 2 : 3 : 1. Сколько граммов яблок содержится в 300 г сухофруктов?

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1. (2 балла) Решите уравнение $\left(x-2\right)\left(x+3,8\right)=0$

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*Критерии оценивания:*

*«5» - 9 – 10 баллов;*

*«4» - 7 – 8 баллов;*

*«3» - 5 – 6 баллов;*

*«2» - 0 – 4 балла.*