ТЕСТ – равнинни фигури

Име: ………………………………………………………………. Клас: ………… № ……...

1. **(1 т.)** Лицето на правоъгълен триъгълник с катети 4 см и 15 мм, е:  
а) 60 кв. мм; б) 6 кв. см; в) 3 кв. см; г) 30 кв. мм.

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2. **(1 т.)** Лицето на успоредник със страна а = 0,5 дм и височина ha = 1,8 см е:   
а) 0,9 кв. дм; б) 9 кв. см; в) 90 кв. мм; г) 0,9 кв. дм.

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3. **(2 т.)** Лицето на трапец с основи а = 6 см, b = 0,4 дм и височина h = 30 мм е:  
а) 30 кв. см; б) 3 кв. дм; в) 150 кв. мм; г) 15 кв. см.

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4. **(2 т.)** Триъгълник със страна a = 50 мм има лице S = 20 кв.см. Височината ha е:  
а) 4 см; б) 8 см; в) 4 мм; г) 8 мм.

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5. **(2 т.)** Успоредник със страна a = 40 см има лице S = 0,2 кв.м. Височината ha е:  
а) 50 см; б) 25 см; в) 0,05м; г) 0,25 м.

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6. **(2 т.)** Трапец с основи а = 7 см, b = 30 мм има лице S = 50 кв.см. Височината му h е:   
а) 5 см; б) 10 см; в) 5 мм; г) 10 мм.

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7. **(2 т.)** Обиколката на DАC е 31,5 см, а диагоналът AC е 14,5 см. Обиколката на успоредника ABCD е:

А

B

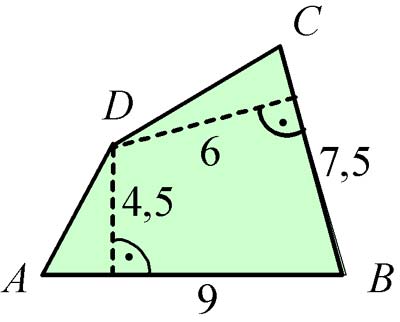
C

D

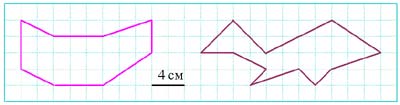
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8. **(2 т.)**  Триъгълник и квадрат със страна 4 см имат равни лица. Една от страните на триъгълника е 8 см. Височината на триъгълника към тази страна е:  
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9. **(2 т.)** Намерете лицето на четириъгълника ABCD на чертежа, ако дъл­жи­ните са дадени в метри.

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10. **(4 т.)** Пресметнете лицата на фигурите, начертани на квадратната мрежа.

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Оценката се изчислява по формулата**: Оц. = 2 + 0,2 . к,** където **к** са получените точки.

**Получени точки: Оц. = 2 + 0,2 . =**

Родител: Проверил: