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*PLA PER A LA LLENGUA  
I LA COHESIÓ SOCIAL*

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Búlgar

Coneixements curriculars (Matemàtiques)

Придобити знания математика

училище/частно или държавно .....

Клас .....

Име . презиме . фамилия .....

Дата .....

1. Напиши липсващите числа

0 - 1 - 2 -  - 4 - 5 -  - 7 -  - 9 -   
 95 -  -  - 98 - 99 -  -  - 102 -   
 997 -  - 999 -  -  - 1002 -   
 18546 -  -  -  -  - 18551 -   
 0 - 2 - 4 - 6 -  -  -   
 100 - 99 - 98 -  -  -   
 0 - 5 - 10 -  -  -

2. Събери

8 + 9 = .....      30 + 50 = .....      100 + 20 + 7 = .....      84 + 13 = .....

$$\begin{array}{r} 5 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 52 \\ + 44 \\ \hline \end{array}$$

$$\begin{array}{r} 35 \\ + 86 \\ \hline \end{array}$$

$$\begin{array}{r} 168 \\ + 297 \\ \hline \end{array}$$

$$\begin{array}{r} 36 \\ 154 \\ + 625 \\ \hline \end{array}$$

3. Извади

6 - 2 = .....      10 - 4 = .....      170 - 20 = .....      36 - 14 = .....

$$\begin{array}{r} 8 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 96 \\ - 44 \\ \hline \end{array}$$

$$\begin{array}{r} 970 \\ - 620 \\ \hline \end{array}$$

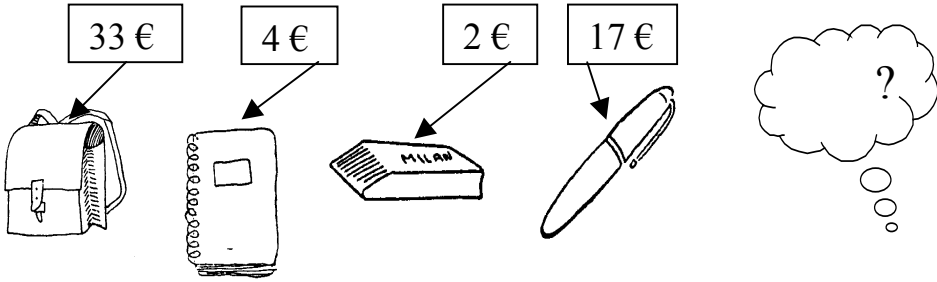
$$\begin{array}{r} 18 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 72 \\ - 27 \\ \hline \end{array}$$


#### 4. Пресметни

Копко струват?



33 €      4 €      2 €      17 €



?

Имам € 

И купувам

 3 €       5 €

Колко ще ми варнат ? ..... €

#### 5. Отговори

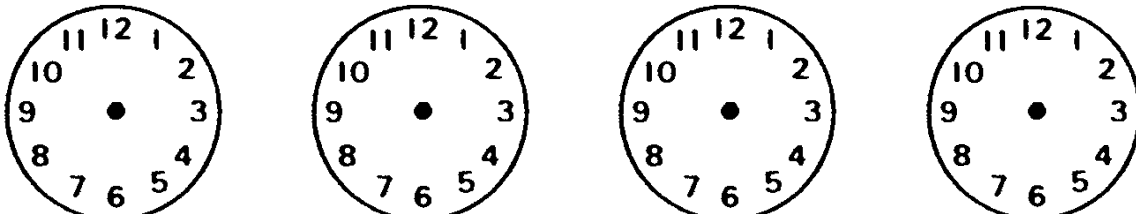
Коя дата е днес (с числа)? .....

Кой месец сме (с числа)? .....

Коя година (с числа)? .....

#### 6. Постави стрелките на часовниците на посочените часове

8 : 00 h      15 : 30 h      10 : 45 h      22 : 15 h



7. Напиши числата които липсват

2 - 4 - 8 - 16 -  -  -

20 - 25 - 30 -  -  -

1013 - 1006 -  -  -

10000 -  - 100 -  -

130 - 120 - 110 -  -  -

8. Пресметни

+ 25 = 50

130 +  = 160

7 -  = 3

- 5 = 4

$$\begin{array}{r} 814 \\ - 352 \\ \hline \end{array}$$

$$\begin{array}{r} 36 \\ 154 \\ + 625 \\ \hline \end{array}$$

9. Извършете умножението

3 X 3 =

2 X 5 =

4 X 6 =

8 X 8 =

70 X 10 =

500 X 1000 =

$$\begin{array}{r} 403 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 27 \\ \times 6 \\ \hline \end{array}$$

10. Извършете делението

12 : 6 =

45 : 5 =

21 : 7 =

186 : 2 =

7095 : 5 =



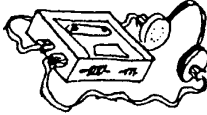
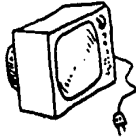
8000 : 100 =

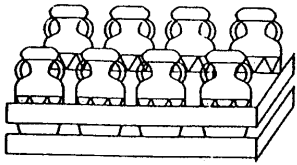
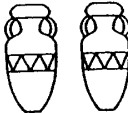
5780 : 10 =

567 : 3






639 : 71

## 11. Пресметни

550 €	235 €	150 €	..... €
			
= 1520 €			
Колко струва телевизора ? .....			

	
= 400 €	= ..... €

## 12. Посочи коя дроб на коя фигура отговаря

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

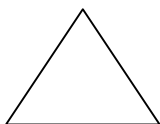
## 13. Назови фигурите

1. Окръжност

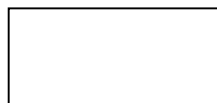
2. триъгълник

3. Квадрат

4. Правоъгълник



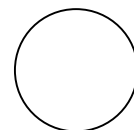
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14. Напиши числата които следват

25 - 1 - 20 - 1 -  - 1 - 10 -  -

2,1 -  - 2,3 -  - 2,5 -

1,15 -  - 0,85 -  - 0,55

15. Пресметни

2 X ..... = 18

15 : ..... = 5

38 X 28 = .....

34000 : 1000 = .....

7 5 1 4  
x 9  
-----  
.....

1 4 5 2 : 2 4  
-----  
.....

16. Пресметни

6 2 , 3  
+ 8 , 5  
-----  
.....

4 8 , 2  
- 0 , 0 3  
-----  
.....

12,8 : 10 = .....

3,6 X 100 = .....

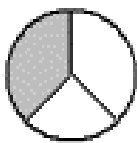
25 X 2,3 = .....

34 : 1,25 = .....

## 17. Оцвети

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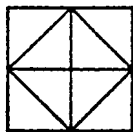
$$\frac{1}{3}$$



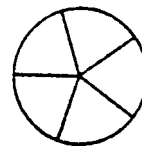
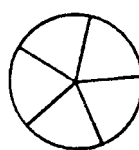
$$\frac{2}{3}$$



$$\frac{5}{8}$$



$$\frac{6}{5}$$



## 18. Пресметни

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$$\frac{1}{2} + \frac{1}{4} = \underline{\quad}$$

$$\frac{7}{10} : \frac{2}{3} = \underline{\quad}$$

$$\frac{3}{4} - \frac{1}{6} = \underline{\quad}$$

$$\frac{1}{5} \times \frac{3}{7} = \underline{\quad}$$

## 19. Пресметни

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$$4^2 = \underline{\quad}$$

$$2^3 = \underline{\quad}$$

$$10^5 = \underline{\quad}$$

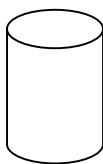
$$\sqrt{25} = \underline{\quad}$$

$$\sqrt{144} = \underline{\quad}$$

## 20. Назови фигурите / как се казват /

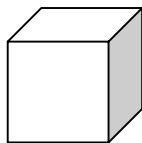
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1. Цилиндър



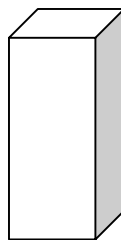
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2. Куб



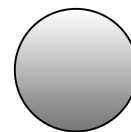
\_\_\_\_\_

3. Сфера



\_\_\_\_\_

4. Призма



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## 21. Изчисли

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$$300 \text{ cl} = \underline{\quad} \text{ cm}^3$$

$$12000 \text{ cm}^2 = \underline{\quad} \text{ m}^3$$

$$3 \text{ m} = \underline{\quad} \text{ cm}$$

$$2 \text{ m } 10 \text{ cm} = \underline{\quad} \text{ mm}$$

$$2500 \text{ m} = \underline{\quad} \text{ km}$$

$$2 \text{ kg } 4 \text{ hg} = \underline{\quad} \text{ g}$$

$$500 \text{ g} = \underline{\quad} \text{ kg}$$

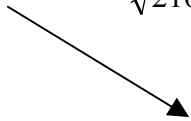
$$1 \text{ l} = \underline{\quad} \text{ cl}$$

$$2 \text{ дни } 3 \text{ часа } \text{ часа} = \underline{\quad} \text{ часа}$$

$$10 \text{ минути } 53 \text{ секунди} = \underline{\quad} \text{ секунди}$$

**22. Свържи**

$\sqrt{625}$	$\sqrt{2601}$	$\sqrt{1369}$	$\sqrt{169}$	$\sqrt{210,25}$
51	37	14,5	25	13



**22. Свържи**

$$2^2 \times 5^3 \times 2^5 \times 5^5 = 2^{\dots\dots\dots} \times 5^{\dots\dots\dots}$$

$$6\left(\frac{5^7}{6^3}\right)5^3 = \frac{5^{\dots\dots\dots}}{6^{\dots\dots\dots}}$$

$$3^5 \times 9^2 \times 3^3 = 9^{\dots\dots\dots?}$$

$$4\left(5 + \frac{3}{2}\right) - \frac{(6-5)}{8} = \dots\dots\dots$$

**24. Пресметни**

$$4(3+2) - (2+5) + 4(5+6) = \dots\dots\dots$$

$$3(5a + b) + 4(b - a) = \dots\dots\dots$$

**25. Реши уравненията / намери X /**

$$5x = 10 \quad \text{-----} \rightarrow$$

$$3x = 6 \quad \text{-----} \rightarrow$$

$$2x - 5 = 3 \quad \text{-----} \rightarrow$$

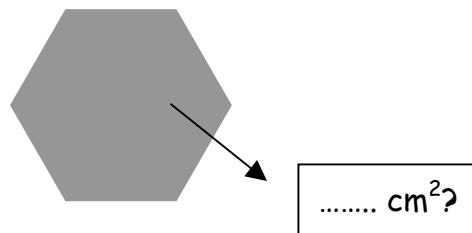
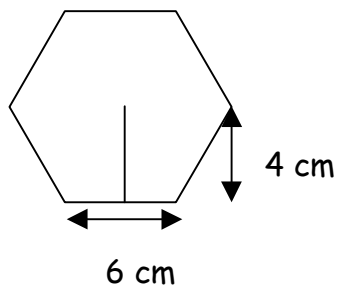
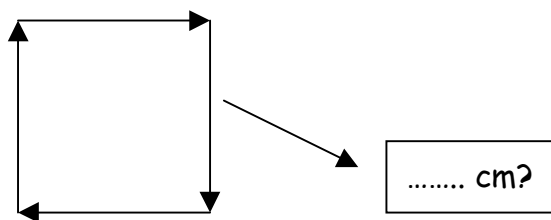
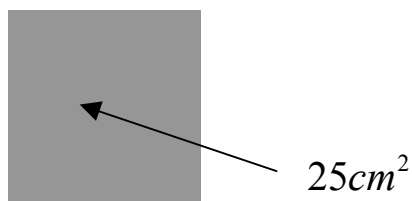
$$2x + 2 = x + 6 \quad \text{-----} \rightarrow$$

$$5x + 9 = -26 \quad \text{-----} \rightarrow$$

$$2(1-x) - 3(x+2) = 16 \quad \text{-----} \rightarrow$$

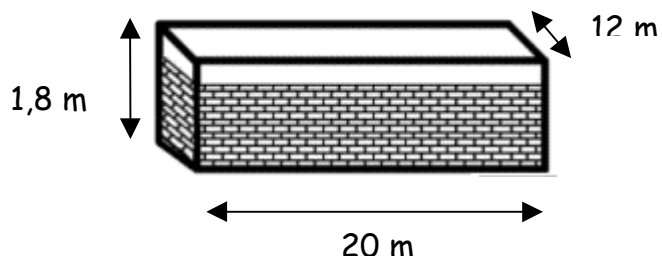
**26. Намери периметъра (квадрат) и повърхността (шестоъгълник)**

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**27. Колко вода има в този басейн , ако е пълен 65%?**

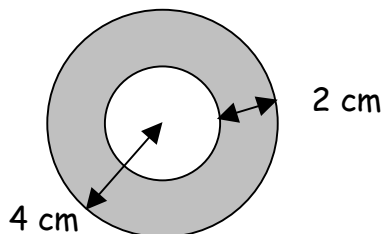
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= ..... m<sup>3</sup>

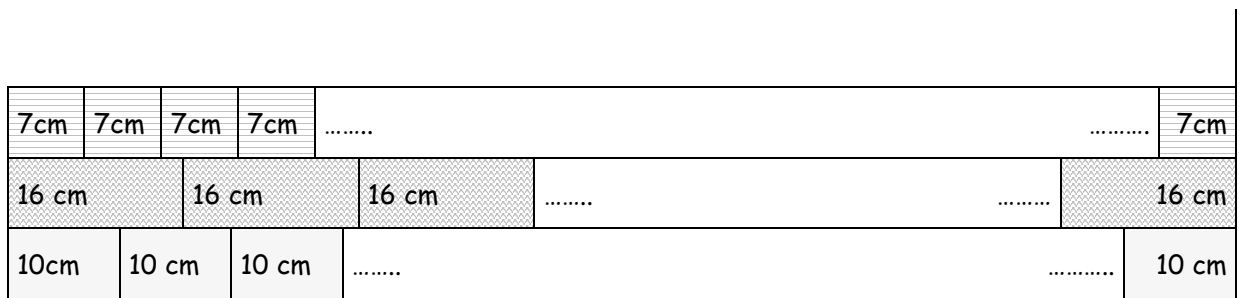
**28. Намери лицето**

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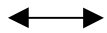
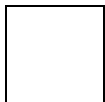
= ..... cm<sup>2</sup>

**29** На какво разстояние отстоят редовете в даденото положение?



..... cm<sup>2</sup> ?

**30.** Пресметни в сантиметри възможната най-голяма плочка



..... cm?

