



**PLA PER A LA LLENGUA
I LA COHESIÓ SOCIAL**

ANGLÈS

Coneixements curriculars (Matemàtiques)

Mathematics

School:

Class:

Name and surname:

Date:

1. WRITE THE MISSING NUMBERS

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. CALCULATE (ADDITION)

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. CALCULATE (SUBTRACTION)

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

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

.....

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

.....

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

.....

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

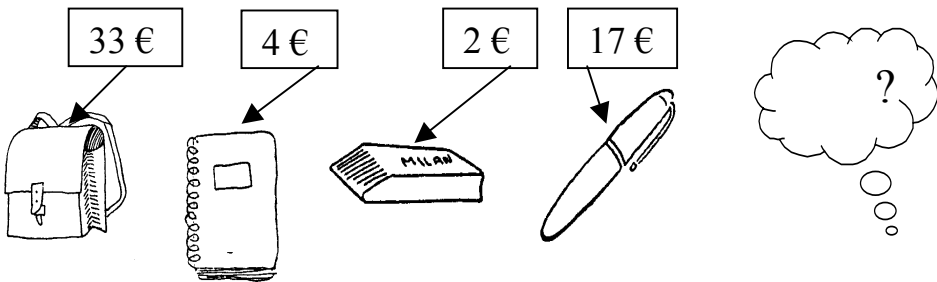
.....

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

.....


4. SOLVE



How much is the total cost ?



33 € 4 € 2 € 17 €

?

I have 20 €  and I buy



3 € 5 €

How much change do I get?

5. ANSWER THESE QUESTIONS

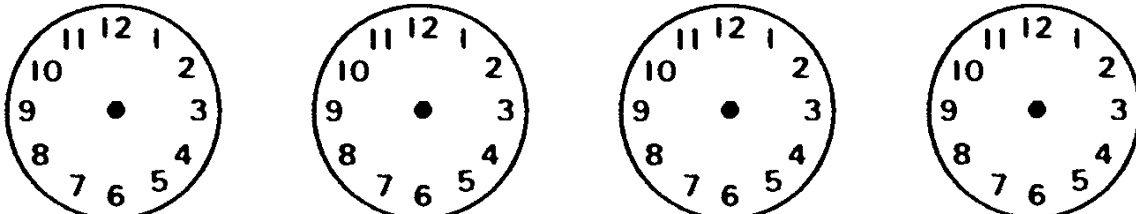
What day is today (number)?

Which month are we in (number)?

Which year are we in?

6. DRAW THE TIME

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



7. COMPLETE THE SERIES

2 - 4 - 8 - 16 - - -

20 - 25 - 30 - - -

1013 - 1006 - - -

10000 - - 100 - -

130 - 120 - 110 - - -

8. COMPLETE THE FOLLOWING CALCULATIONS

..... + 25 = 50

130 + = 160

7 - = 3

..... - 5 = 4

		36
814		154
<u>- 352</u>		<u>+ 625</u>
.....	

9. CALCULATE (MULTIPLICATION)

3 X 3 =

2 X 5 =

4 X 6 =

8 X 8 =

70 X 10 =

500 X 1000 =

403	27
<u>x 2</u>	<u>x 6</u>
.....

10. CALCULATE (DIVISION)

12 : 6 =

45 : 5 =

21 : 7 =

186 : 2 =

7095 : 5 =

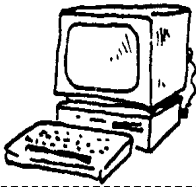

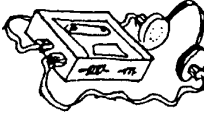
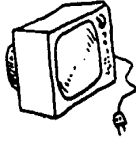
8000 : 100 =

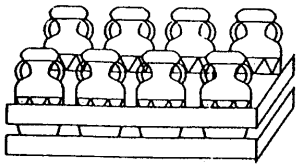
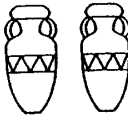
5780 : 10 =

567 : 3






639 : 71

11. SOLVE THE PROBLEM

550 € 	235 € 	150 €  € 
= 1520 €			
HOW MUCH IS THE TV?			

	= 400 €		= €
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12. MATCH THE FRACTIONS WITH THE DIAGRAMS

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

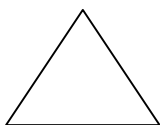
13. NUMBER THE FIGURES

1. CIRCUMFERENCE

2. TRIANGLE

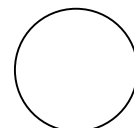
3. SQUARE

4. RECTANGLE









14. COMPLETE THE SERIES

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

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

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

15. FIND THE MISSING NUMBERS

2 X = 18

15 : = 5

38 X 28 =

34000 : 1000 =

$$\begin{array}{r} 7514 \\ \times 9 \\ \hline \end{array}$$

.....

1452 : 24
.....

16. FIND THE MISSING NUMBERS

$$\begin{array}{r} 62,3 \\ + 8,5 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 48,2 \\ - 0,03 \\ \hline \end{array}$$

.....

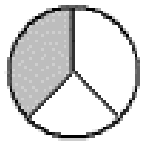

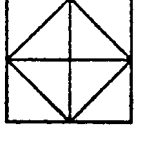
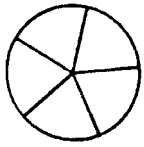
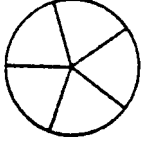
12,8 : 10 =

3,6 X 100 =

25 X 2,3 =

34 : 1,25 =

17. SHADE THE DIAGRAMS LIKE THE EXEMPLE

$\frac{1}{3}$	$\frac{2}{3}$	$\frac{5}{8}$	$\frac{6}{5}$
			 

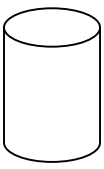
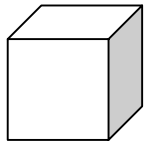
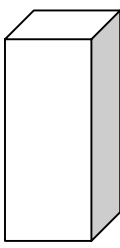
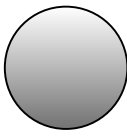
18. CALCULATE

$\frac{1}{2} + \frac{1}{4} = \underline{\hspace{2cm}}$ $\frac{3}{4} - \frac{1}{6} = \underline{\hspace{2cm}}$		$\frac{7}{10} \div \frac{2}{3} = \underline{\hspace{2cm}}$ $\frac{1}{5} \times \frac{3}{7} = \underline{\hspace{2cm}}$
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19. CALCULATE

$4^2 = \dots\dots\dots$
 $2^3 = \dots\dots\dots$
 $10^5 = \dots\dots\dots$
 $\sqrt{25} = \dots\dots\dots$
 $\sqrt{144} = \dots\dots\dots$

20. NUMBER THE FIGURES

1. CYLINDRE	2. CUBE	3. SPHERE	4. PRISM
			
<hr style="width: 50px; margin: 0 auto;"/>	<hr style="width: 50px; margin: 0 auto;"/>	<hr style="width: 50px; margin: 0 auto;"/>	<hr style="width: 50px; margin: 0 auto;"/>

21. COMPLETE

300 cl = cm^3	12000 cm^2 = m^3
3 m = cm	2 m 10 cm = mm
2500 m = km	2 kg 4 hg = g
500 g = kg	1 l = cl
2 days 3 hours = hours	10 minutes 53 seconds = seconds

22. MATCH

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

23. CALCULATE

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

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

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

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

24. CALCULATE

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

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

25. CALCULATE THE VALUE OF "x"

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

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

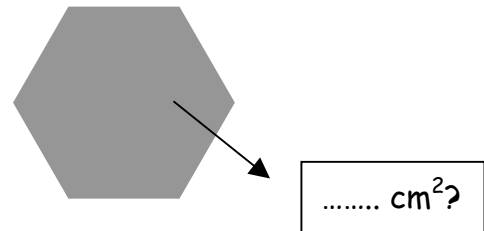
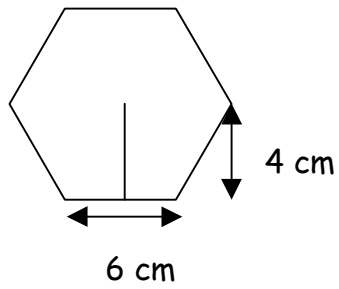
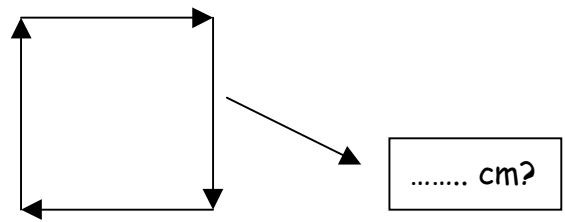
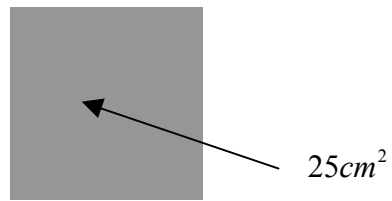
$$2x - 5 = 3 \quad \text{-----} \rightarrow$$

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

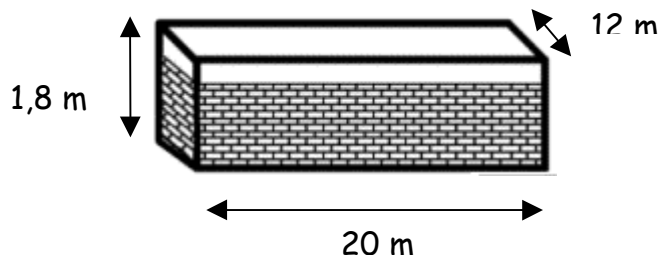
$$5x + 9 = -26 \quad \text{-----} \rightarrow$$

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

26. CALCULE THE PERIMETER AND SURFACE

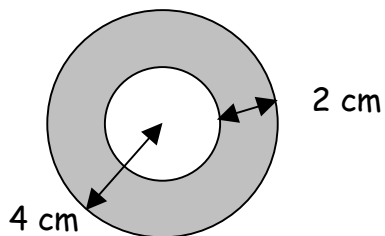


27. WHEN THE POOL IS 65 % FULL, HOW MUCH WATER IS THERE IN IT?



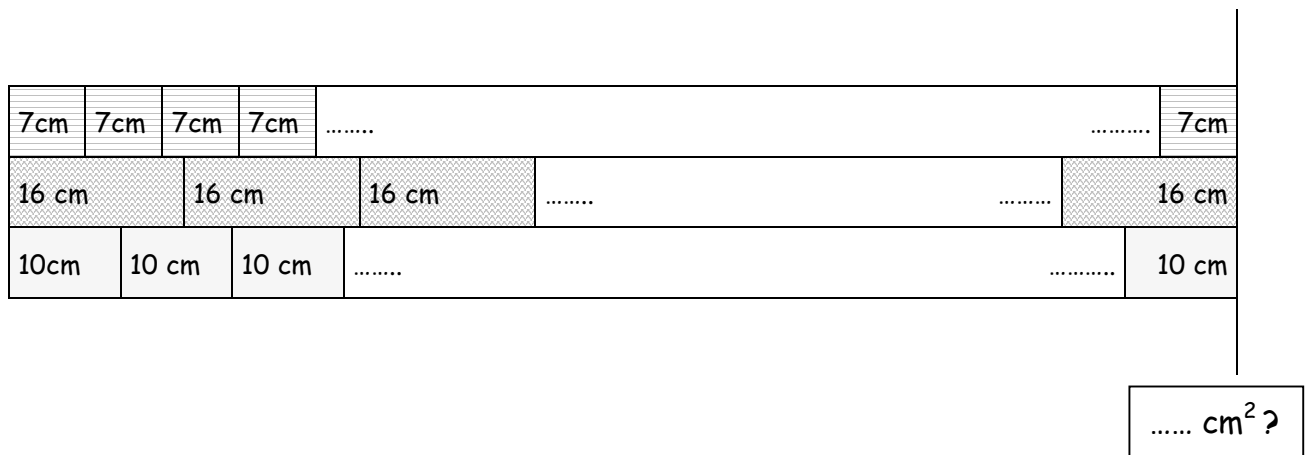
= m³

28. CALCULE THE SURFACE



= cm²

29. WHERE DO THESE LINES MEET?



30. CALCULE THE BIGGEST POSSIBLE TILE

