Solutions & Winners

Kids' 'X' Word Solution

1 R	A	2 M	3 A	⊗	4 C	5 U	6 P
A	⊗	7 A	N	8 E	M	I	A
9 D	10 A	I	S	Y	⊗	⊗	I
11 I	D	L	W	⊗	12 N	13 K	L
14 O	O	⊗	15 E	16 L	M	O	⊗
⊗	17 R	18 A	R	E	⊗	19 C	20 L
21 T	E	N	⊗	22 A	23 T	L	I
T	⊗	24 D	E	D	U	C	T

Kids Challenge!

Did you find the word?
It is "PLASTIC".

Smart kids :

1. Sravya Ainapurapu, St. Louis, Missouri.
2. Tarun, New Jercy.

Kids' 'X'word Winners:

1. Sravya Ainapurapu, St. Louis, Missouri.

Salutation to your solution! - Answers

1. Read the lines in the picture keeping upside down.

▼ Read in this direction.

Q. WHO WON A. HIS SON (MOINS ZOXI) WON	Q: NOM OHM A: NOM (IXOZ SNIOM) NOS SIH

2. Answer is 4 : 6. Assume the sides of equilateral triangle and regular hexagon are A and a respectively, then 3A = 6a. Now we will find the ratio of their areas below.

$$\text{Area of triangle} = \frac{\sqrt{3}}{4}A^2$$

$$" = \frac{\sqrt{3}}{4}(2a)^2$$

$$" = \sqrt{3}\,a^2$$

$$\text{Area of regular Hexagon} = 6\,\frac{\sqrt{3}}{4}a^2$$

$$\text{Ratio of areas of Triangle and Hexagon} = \sqrt{3}\,a^2 : 6\,\frac{\sqrt{3}}{4}a^2$$

$$" = 1 : 6/4$$

$$" = 4 : 6$$

Figure A

3. Answer is 5. In the adjacent Figure B, the sum of 7 and 5 is 12. The sum of 3 and 8 is 11. So 12 and 11 are been written in second row. Now the sum of 1 and 2 in 12 is 3. Similarly the sum of 1 and 1 in 11 is 2. Now they are placed in third line. Now adding 3 and 2, we need to put in fourth row, which is represented by '?', is 5.

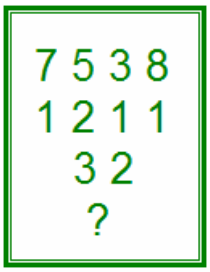


Figure **B**

4. Answer is 8. In the Figure C, each colour represents a number. The units place in the sum is 0 means, green colour represents either 0 or 5. 0 does not fit in tens place as the blue colour and red colours represent two different numbers. So if green is 5. In tens place, green 5, carry forward 1 means, blue should have value from 1 to 9. Out of which 1 is the only possible value because in hundreds place green 5 and blue 1 makes it 6. So red colour represents 7. Now coming to thousands place '?' represents the sum of red 7 and blue 1, which is 8.

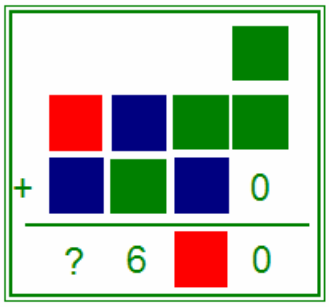
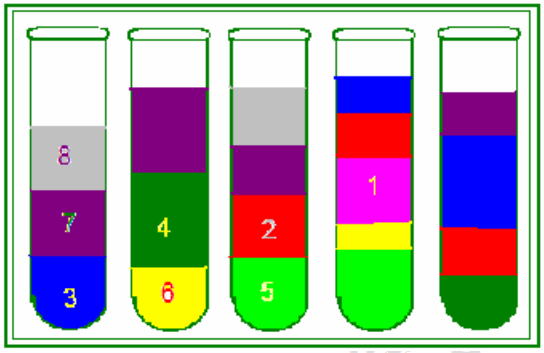


Figure **C**



పటము **D**

5. Answer is light green (5). As shown in Figure D, the density of light Green (5) is greater than light Violet (1), Red (2). In the same way the density of Red (2) is greater than Blue (3), which indicates the density of light Green (5) is more. The density of Yellow (6) is greater than dark Green (4) and the density of light Green (5) is greater than Yellow (6). Density of Blue (3) is greater than Violet (7) and Grey (8). Density of light Green (5) is in turn greater than Blue (3). Which shows that light Green (5) is having greatest density.

Salutation to your solution! - Winners :

1. T. Anoop, East Godavari Dt.
2. Vaasanti Maghapu, California.
3. Sarala Mamidipalli, Cincinati, OH.

Question Gallery! - We ourselves disclosing answers!!

1. Sardar Vallabhai Patel is known as 'Iron man of India'.

2. Sri. Nanduri Subbarao wrote Enki songs.

3. Mount Abu is located in Rajasthan state, 1722 meters above sea level. It is home to a number of Jain temples.

4. Kotappa hill is located in Guntur 15 kilo-meters from Narsaraopet. Gods on the three peaks are known by different names Brahma Sikaramu (Trikoteswarudu) Rudra Sikaramu(Papa Koteswarudu) Vishnu Sikaramu (PapaVishnu Saneswarudu).

5. The capital of the state Kerala is Thiruvananthapuram.

6. Using Screw Gauge, measurements can be taken up to one-hundredth of a millimeter.

7. Light year is the distance that light travels in a year time. Light travels at a speed of 3×10^{10} cm per second. In an year it travels $3 \times 10^{10} \times 60 \times 60 \times 24 \times 365$ cm.

8. Spectrometer is used to measure the characteristics of light. It is also used for finding wave length of different coloured lights.

9. Bharata Ratna Ustad Bismillah Khan was a shehnai maestro from India.

10. The word 'Long leg' is used in the Cricket game.

Question Gallery! - Winners

Sreekanth Gutala, St. Louis, Missouri.

A bold attempt is half success.