

Math Puzzles

1. One-tenth of the cars in a car park are yellow. Another car arrives and now one-ninth of the cars are yellow. How many cars are now in the car park?

Ans. There are a total of 81 cars now

2. Granny says to Tom, "I have 6 children, and there are 4 years between each one and the next. I had my first child (your Uncle Peter) when I was 19. Now the youngest one (Your Auntie Jane) is 19 herself." How old is granny?

Ans. Tom's Granny is 58 years old

Let's see why:

First child born: Granny is 19

Second child born: Granny is 23 (19 + 4)

Third child born: Granny is 27 (23 + 4)

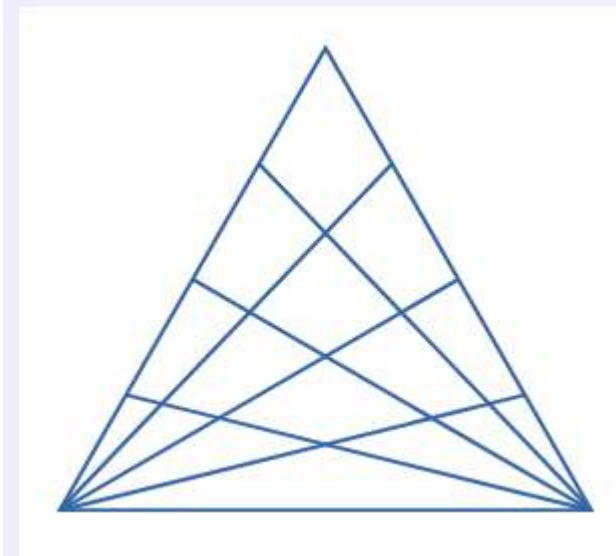
Fourth child born: Granny is 31 (27 + 4)

Fifth child born: Granny is 35 (31 + 4)

Sixth child born: Granny is 39 (35 + 4)

Sixth child is 19: Granny is 58 (39 + 19)

3. How many triangles are there in this diagram?



Ans: 64 Triangles

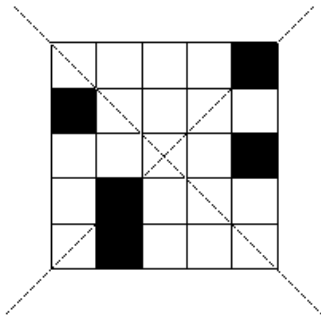
4. An old Mathematics book contained this addition sum. What were the three missing numbers?

$$\begin{array}{r}
 \square \ 7 \ 2 \\
 3 \ \square \ 8 \\
 \hline
 4 \ 7 \ \square \\
 \hline
 \end{array}$$

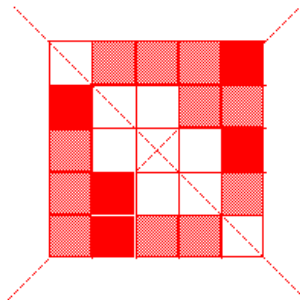
Ans:

$$\begin{array}{r}
 \boxed{0} \ 7 \ 2 \\
 3 \ \boxed{9} \ 8 \\
 \hline
 4 \ 7 \ \boxed{0} \\
 \hline
 \end{array}$$

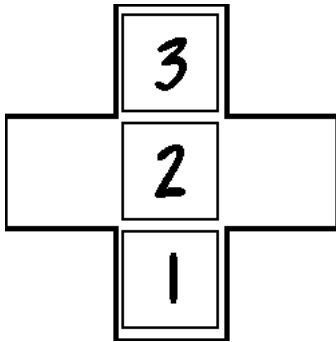
5. If you continue shading the squares so that the two dotted lines become lines of symmetry (mirror lines) of the completed diagram, how many squares will be left unshaded?



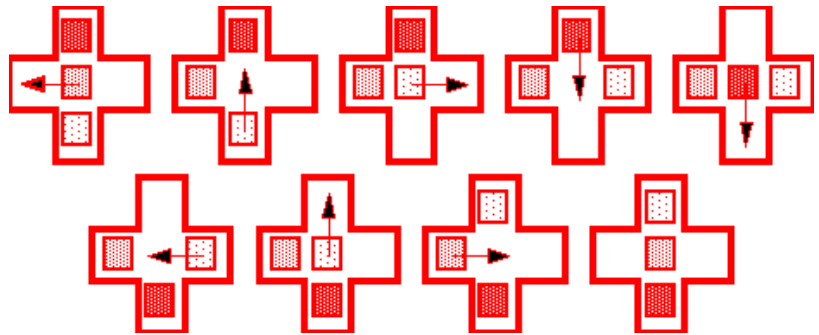
Ans: The number of squares left is then 9.



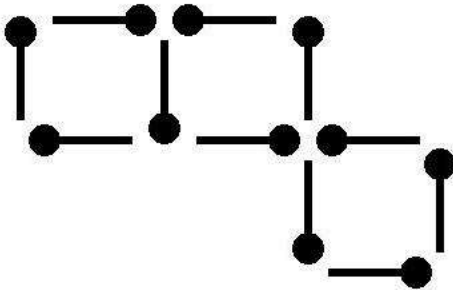
6. Here's a cross-shaped box containing three numbered blocks. Slide the blocks around the box until the numbers read 1, 2, 3 as you go down. How many moves does it take?



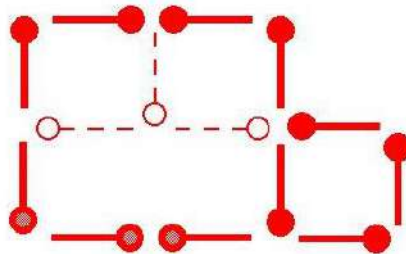
Ans: 8 moves, like this:



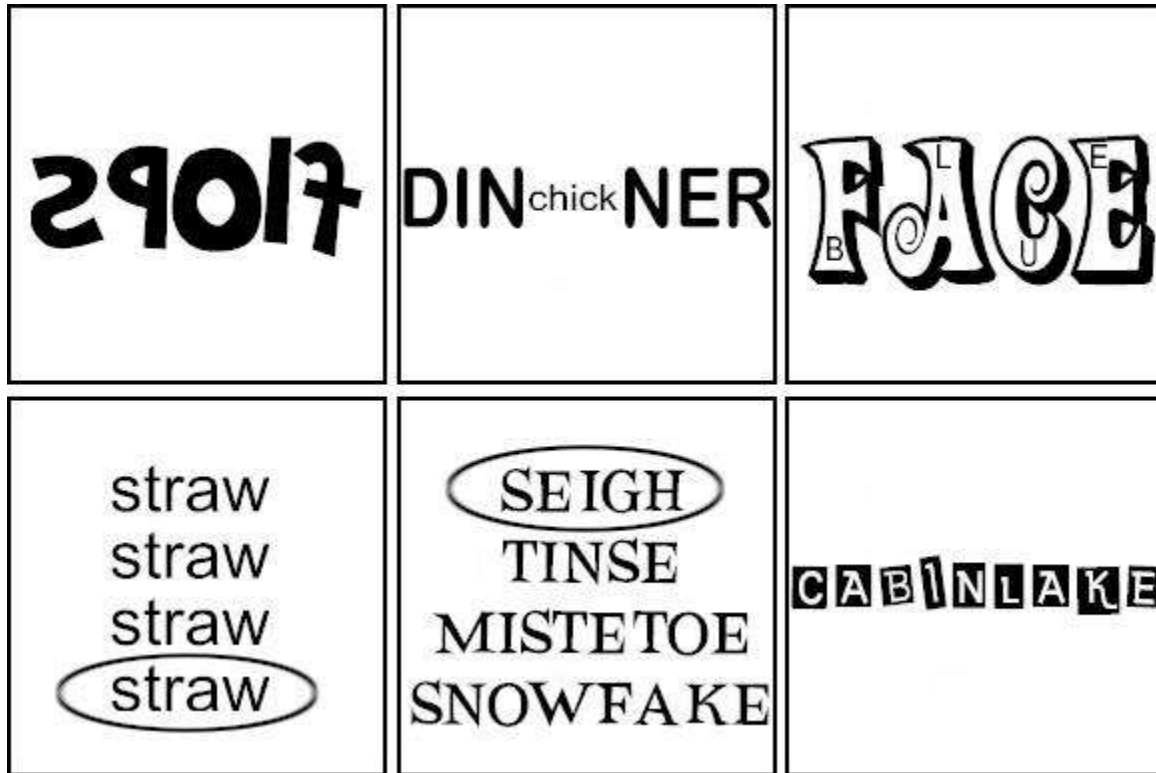
7. In this diagram, 11 matches make 3 squares. Your challenge is to move 3 matches to show 2 squares.



Ans:



WUZZLES ANSWERS:



Wuzzles Answers:

1. Flip Flops
2. Chicken Dinner
3. Blue in the Face
4. The Last Straw
5. The First Noel
6. Cabin by the Lake

RIDDLES

1. What did the baseball glove say to the ball?

A: Catch you later

- 2. What can run but never walks, has a mouth but never talks, has a head but never weeps, has a bed but never sleeps?**

A: A river

- 3. How many months have 28 days?**

A: All 12 months

- 4. If twos' company and three's a crowd, what are five and six?**

A: Eleven

- 5. What needs an answer but doesn't ask a question?**

A: telephone

- 6. A cowboy rides into town on Friday, stays for three days, then leaves on Friday. How did he do it?**

A: His horse's name was Friday

- 7. If three dogs and one cat weren't standing under an umbrella, how did none of them get wet?**

A: It wasn't raining!

- 8. I'm light as a feather, yet the strongest man can't hold me for more than 5 minutes. What am I?**

A: Breath