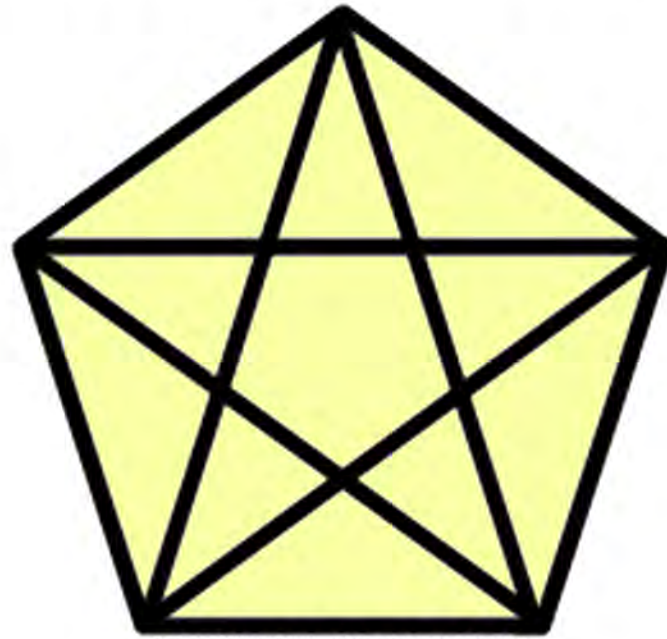


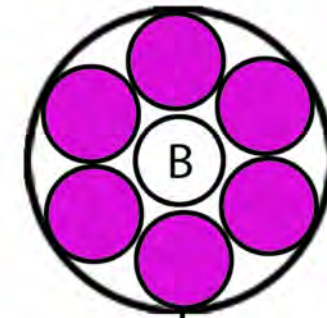
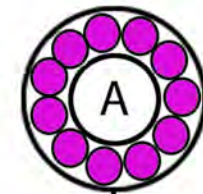
WHICH CENTER CIRCLE IS LARGER, A OR B?

HOW MANY TRIANGLES DO YOU SEE?



The following number is the only one of it's kind. What is so unique about it?  
**8549176320**

*It uses all 10 digits in alphabetical order*



THEY ARE THE SAME!



Kingston Counts!



Did you know?  
 An icosahedron is a shape with 20 equal sides.

Fill in the table using the numbers 1-9 so that every row, column and corner-to-corner diagonal add up to 15. You may not use the same number twice.


1-1 was a horse  
 2-2 was 1 2  
 1-1 1 1 race  
 2-2 1 1 2

**Magician's Hat**

Five children were pulling rabbits out of their magician's hats, with each child pulling out a different number of rabbits. Using the clues below, see if you can figure out how many rabbits each little magician was able to pull out of the hat. HINT: Addition and subtraction will be helpful!

1. Gary pulled out eight fewer rabbits than Arnie.
2. Combined, Danielle and Ruth pulled out 37 rabbits.
3. Jan pulled out 8 more rabbits than Danielle.
4. Gary and Danielle are separated by just three rabbits.
5. Arnie pulled out 5 more rabbits than Danielle.

	9	12	17	20	25
Danielle					
Gary					
Jan					
Arnie					
Ruth					

Danielle 12; Gary 9; Jan 20; Arnie 17; Ruth 25.



Draw 2 lines to divide the clock so that all sections add up to the same sum.

Why did the mathematician plant his garden in milk cartons?

To get square roots!



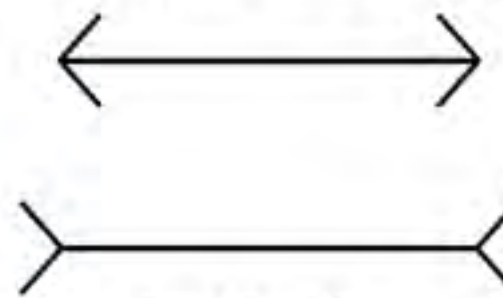
Kingston Counts!



Did you know?

A "light year" is a measure of distance, not time. It is defined as the distance light travels in one year.

Which line is longer?

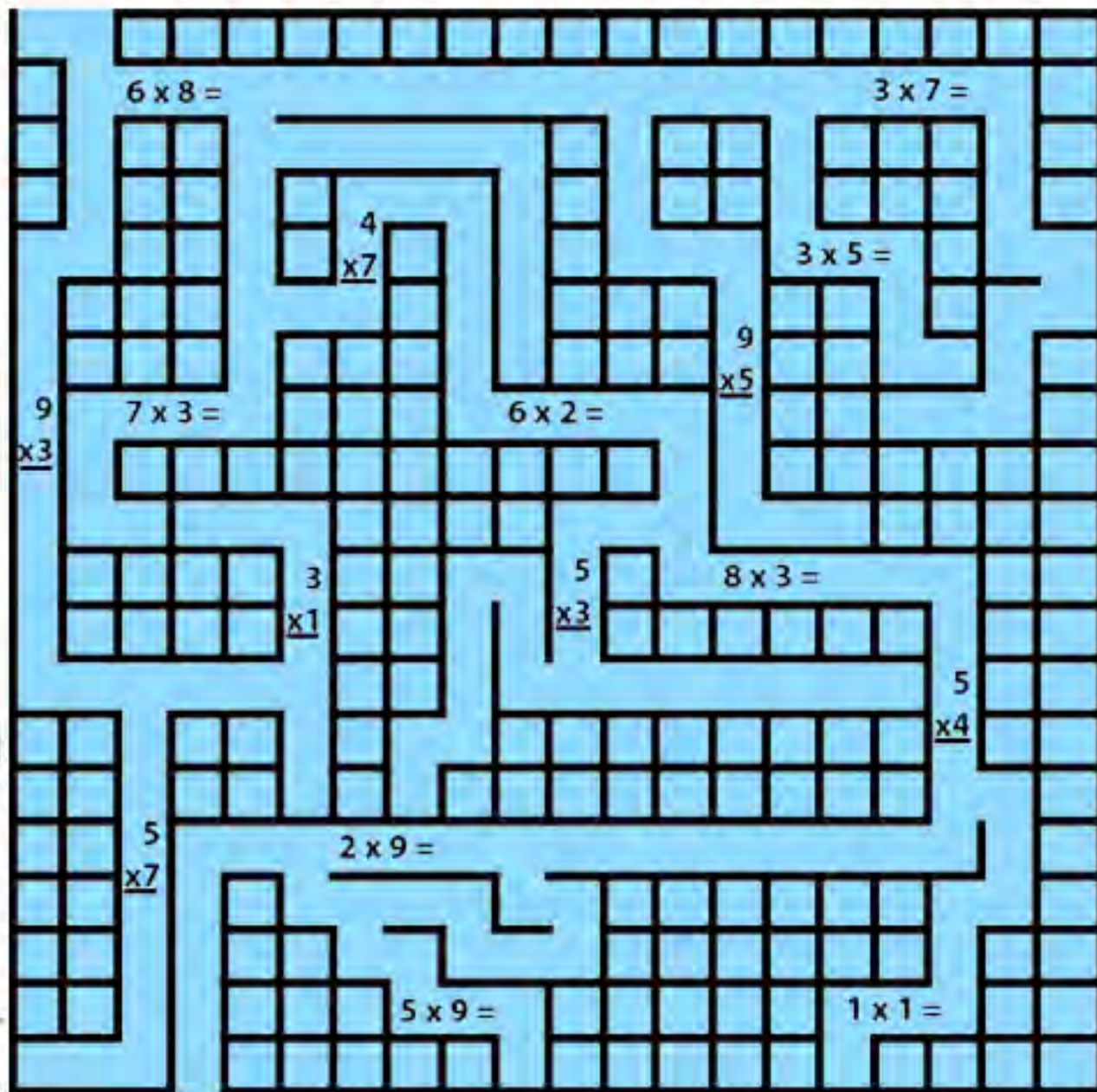


They are the same!

How many 9's are there between 1 and 100?

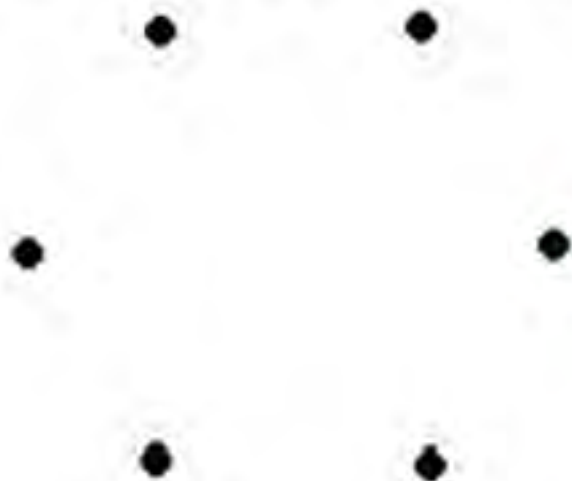
There are twenty nines.

Try to complete the maze below. If you reach a path with an odd product, you're probably going the wrong way!



With a partner, grab two different coloured pencils or crayons. To play the game, take turns drawing a line connecting two dots. You may not draw a line where one already exists. You lose if you draw 3 lines in your colour that connect to make a triangle. If someone completes a triangle but not all three sides are the same colour, the game continues.

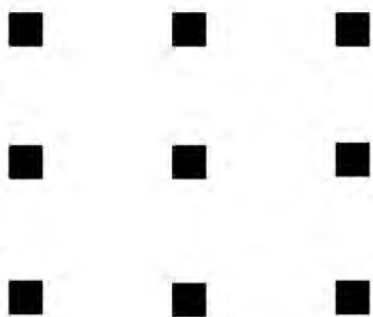
DON'T MAKE A TRIANGLE!



Which weighs more: a pound of rocks or a pound of feathers?

They weigh the same!

Without lifting your pencil, try to connect all the dots using only 4 straight lines.



Can you figure out what these sayings are?

1d2r3a4c5u6l7a8



OF



$\pi$

r n

e u

b m

13579r vs U

to  
+ tal

çipede

XLR8

Count Dracula, Piece of Pumpkin Pie, Round Number, Odds are Against You, Sum Total, Centipede, Accelerate



Kingston Counts!

Fill in the squares so that you use the numbers 1 to 4 only once in each row, column and 2x2 box.

Some numbers are already in the boxes to help you get started.

Good luck!

1			4
		2	
	3	1	
2			

First, complete the solutions.  
Next, find the number sentences, including answers in the box below. Circle only the ones that read left-to-right or top-to-bottom (No diagonals and none that are backwards).

13 54 49 27 18 6 36 6 6 9 90  
72 9 81 1 33 15 4 16 54 72 10  
8 32 9 7 11 5 54 6 6 27 2  
9 11 9 3 3 13 2 54 9 3 15  
5 64 12 8 3 36 6 4 3 9 9  
24 8 3 64 9 81 40 6 56 7 8  
56 8 2 4 16 2 8 49 24 8 48  
100 5 6 20 3 35 5 7 64 14 12  
2 10 30 25 5 6 21 7 3 49 4  
9 50 10 5 10 22 81 9 64 81 21  
12 81 3 5 1 100 10 10 6 33 7

9 ÷ 3 = \_\_\_      16 ÷ 2 = \_\_\_      25 ÷ 5 = \_\_\_  
33 ÷ 11 = \_\_\_      81 ÷ 9 = \_\_\_      48 ÷ 12 = \_\_\_  
35 ÷ 5 = \_\_\_      64 ÷ 8 = \_\_\_      100 ÷ 10 = \_\_\_  
24 ÷ 8 = \_\_\_      36 ÷ 6 = \_\_\_      30 ÷ 10 = \_\_\_  
50 ÷ 10 = \_\_\_      27 ÷ 3 = \_\_\_      56 ÷ 7 = \_\_\_  
40 ÷ 8 = \_\_\_      21 ÷ 7 = \_\_\_      8 ÷ 2 = \_\_\_  
49 ÷ 7 = \_\_\_      54 ÷ 6 = \_\_\_      72 ÷ 8 = \_\_\_

