

100
PUZZLES
INSIDE

Disney

BRAIN
GAMES

MATHS

FUN PUZZLES FOR BRIGHT MINDS


Puzzle 23


SHY COCONUTS

Some Kakamora have hidden themselves among Moana's coconut harvest. You can tell which coconuts are Kakamora in disguise, because the numbers they have stuck to them have made the questions they're hiding in incorrect.

Make the sums correct by removing 1 digit from each question.

 $32 + 70 = 73$

 $63 \div 7 = 19$

 $42 + 35 = 37$

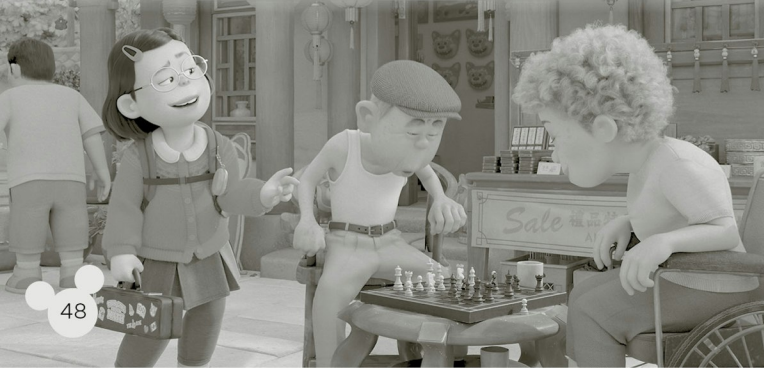
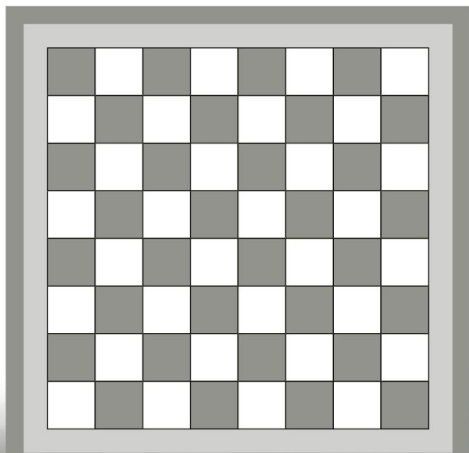
 $41 - 60 = 35$

 $15 - 13 = 12$

Puzzle 28

EIGHT QUEENS

Mr Gao has a chess puzzle for you to solve! In chess the queen can move any number of spaces in a straight line – horizontally, vertically or diagonally. **Place eight queens on the chess board so that no queen is in the same line as any other queen. How many different ways can you find?**

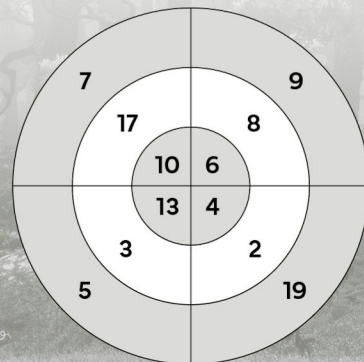


Puzzle 29

ARCHERY PRACTICE

Merida's practising her archery skills. To prove what a great archer she is, Merida must hit one number in the outer ring, one number in the inner ring and one number in the centre that add up to each of the three numbers below.

Can you figure out which three numbers she must hit to make each of the target scores?



27

14

42



Puzzle 39

MICKEY'S MAGICAL MIX UP!



The Sorcerer's Apprentice has accidentally knocked all of his master's Plus and Minus potions over!

Can you put the pluses and minuses back in the right places so that these sums work forwards, backwards, up and down?

	6	5	4	
	=	=	=	
-3	=	9	2	4 = 11
-6	=	8	1	3 = 4
6	=	7	6	5 = 8
	=	=	=	
	8	7	6	

Puzzle 40

...AND THE KITCHEN SINK

Every time Arthur tries to clean one of Merlin's dirty dishes, the number of dirty dishes doubles. He started with one dirty dish. Arthur has tried to clean 10 dirty dishes. **How many dirty dishes are there now?**

1	
2	
3	
4	
5	
6	
7	
8	
9	
10	



Puzzle 49

SOLVE THE RIDDLE OF THE CAVE!

To enter the Cave of Wonders, Aladdin must find the missing numbers in this puzzle.

Each square needs to be filled with a number between 1 and 9, but you can use numbers more than once. The functions surrounded by stars are carried out first.

So: $\boxed{2} \times \boxed{3} + \boxed{6} = \boxed{12}$

$\boxed{2} \times \boxed{3} + \boxed{6} = \boxed{18}$



	+	2	-		=	4
*		*		*		
5	+		+		=	12
x		-		+		
	*		x	7	=	28
=		=		=		
28		10		14		