

BRAIN TEASERS

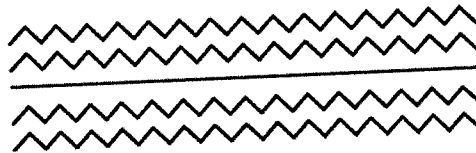
1. Emily loves cats and she keeps some as pets. All but two of them are completely black. All but two of them are completely white. All but two of them are completely ginger.

How many cats does she have in total?



2. A family of five people drove in a car for 300 miles at an average speed of 50 miles per hour. For the whole journey nobody noticed that the car had a flat tyre.

How come nobody noticed?



3. Try to re-arrange the letters of **NEW DOOR** to make one word.

4. A school orchestra with six musicians can play the first section of Beethoven's 5th symphony in 7 minutes and 23 seconds.



How long would it take to play if they doubled the number of musicians?

5. Tom owns an antique grandfather clock made in the year 1877.

How long is it designed to go without winding?

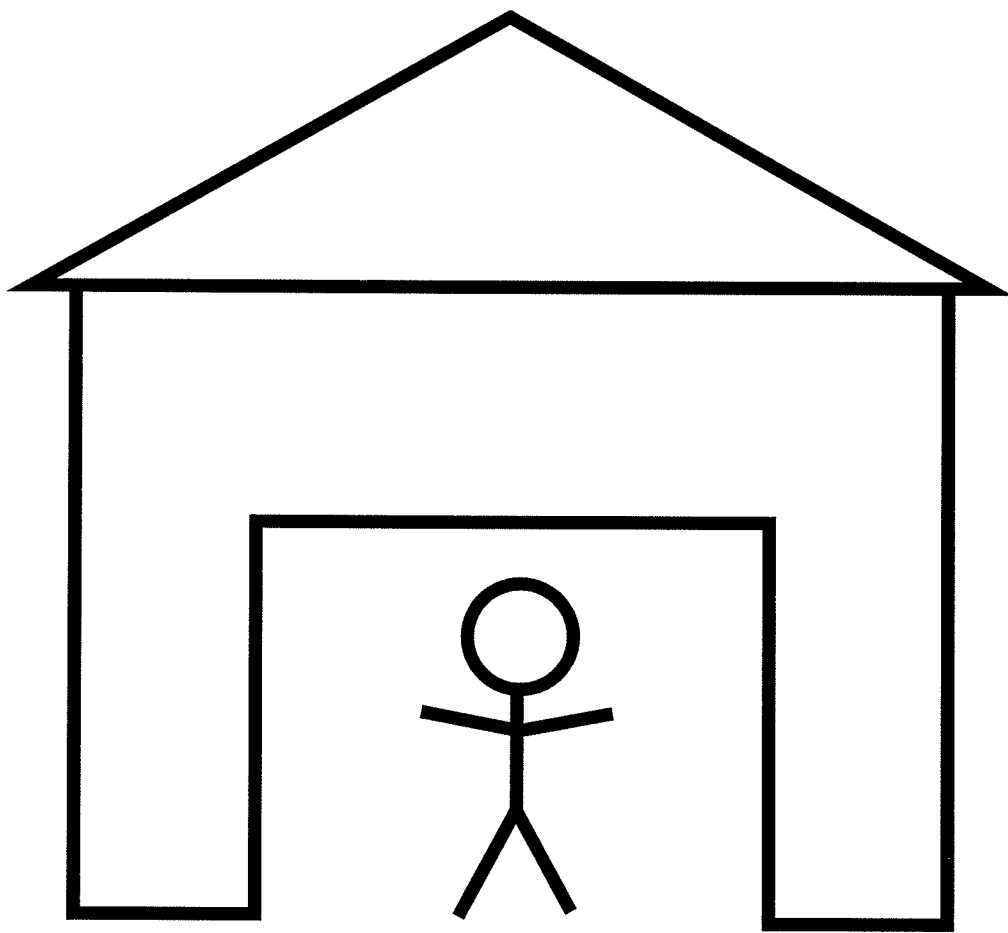


6. Emma was running in a 5 mile marathon. With the end in sight she sprinted past Chloe who was in second place and triumphantly crossed the finish line.

Why didn't Emma win the marathon?



**Can you copy the image below
without ever lifting your pen
from the paper?
(it is possible!)**



Animal Connections

Try to move from the start to the end by following the chain of animals. The last letter of each animal's name is the first letter of the next animal's name. We've joined up the first three for you (The last one is a bit of a trick!)

START

Y	D	T	Y	Q	E	R	A	B	B	I	L	J	O	I	P	S	V	K
Z	O	B	T	I	G	F	C	V	P	T	O	R	T	S	D	P	H	A
L	G	O	A	H	S	R	U	T	C	P	Z	X	C	E	L	E	V	N
U	B	Z	X	C	V	K	H	W	E	N	O	I	L	S	V	N	M	T
K	F	J	K	L	D	E	V	D	C	X	Z	C	E	E	L	T	R	U
A	G	N	A	K	A	Y	Q	W	E	R	T	P	N	G	U	P	X	T
R	D	N	Q	W	P	R	W	P	B	C	W	K	L	R	A	T	R	E
O	Y	R	I	C	H	Y	E	N	A	L	L	T	B	O	K	P	Q	E
O	S	T	Z	X	C	V	B	C	B	Q	I	G	A	T	H	J	Q	F
K	F	B	F	D	W	Q	X	T	P	R	P	H	J	K	O	G	O	R
Q	W	T	Y	X	O	L	L	I	D	A	M	G	R	Z	R	D	L	K
C	V	B	G	M	C	M	N	Q	Z	C	R	A	L	L	I	P	H	J
Q	W	R	P	O	T	P	Q	D	S	T	N	Q	B	N	G	T	Y	U
E	R	W	U	R	G	B	O	A	L	A	N	J	K	L	Z	P	Q	W
T	Y	L	S	K	U	N	K	P	Y	J	T	E	A	T	E	R	X	Z

END

1 history history history	2 R g rose e i n	3 MEREPEAT	4 _____ read _____
5 Arrest You're	6 Me Me a l Me a a l l Meal	7 E more more more more	8 wonalicederland
9 me right	10 stefrankin	11 Chimadena	12 settle
13 millio1n	14 ^d e r ^d e r v i v i ^d e r ^d e r v i v i	15 land time	16 mini'llbetheute
17 R R a a i l l	18 scope	19 ban ana	20 o_er_t_o_
21 e t a d	22 Meal Λ	23 issue issue issue issue issue issue issue issue issue issue	24 XQQQME
25 time time	26 FLUBADENCE	27 1 knows	28 BIG BIG ignore ignore
29 BIRD	30 chair	31 ICE ³	32 lang4uage
33 VA DERS	34 9S2A5F4E1T8Y6	35 _____ it	36 chawhowhorge
37 RIGHT RIGHT	38 T <u>u</u> l <u>i</u> p <u>e</u> s	39 \$0 all all all all	40 knee light light