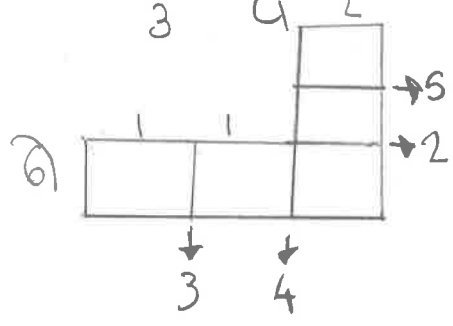
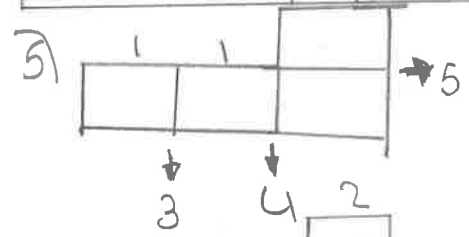
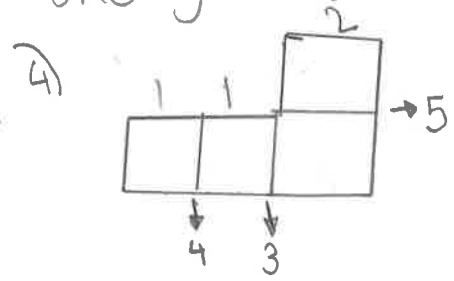
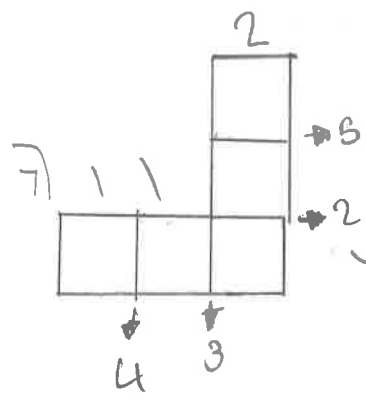


	number on Carriages	number on Funells
1)	3+3	= 6
2)	2+2	= 4
3)	1+3	= 4
4)	1+1	= 2
5)	1+1	= 2
6)	1+1	= 2
7)	1+1	= 2
8)	2+2	= 4
9)	2+2	= 4
10)	5+1	= 6

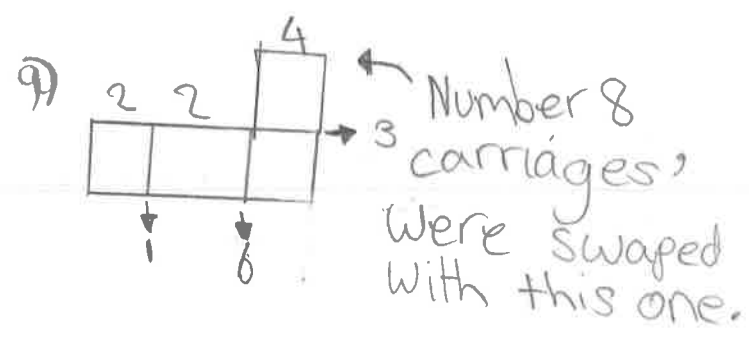
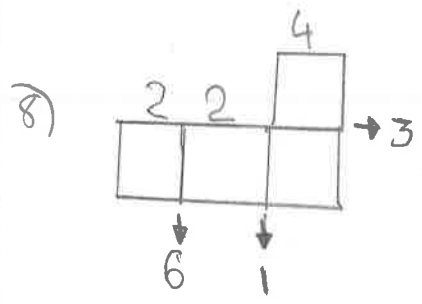
Method:
 Pick 2 carriages (3+3),
 find the answer (=6),
 find the opposite number
 on the dice and that
 number will be below
 the funnell.



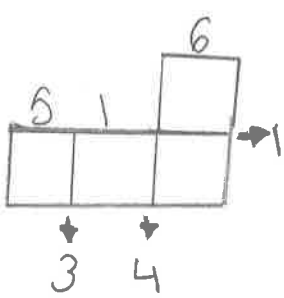
→ We added an extra funnell because
 if we had 1 funnell the
 answer would've been 5 so
 when we added another
 block the 5 was at the
 bottom. so the 2 was at
 the top.



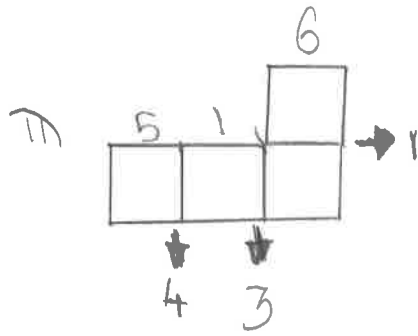
→ We swaped number 6 carriages.



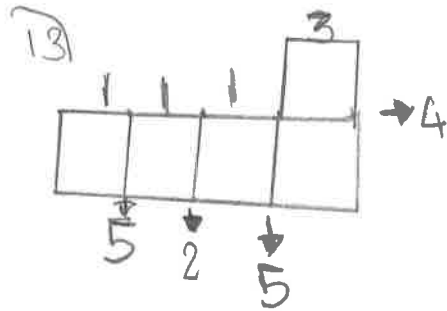
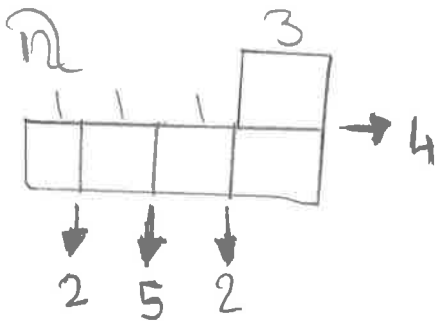
10)



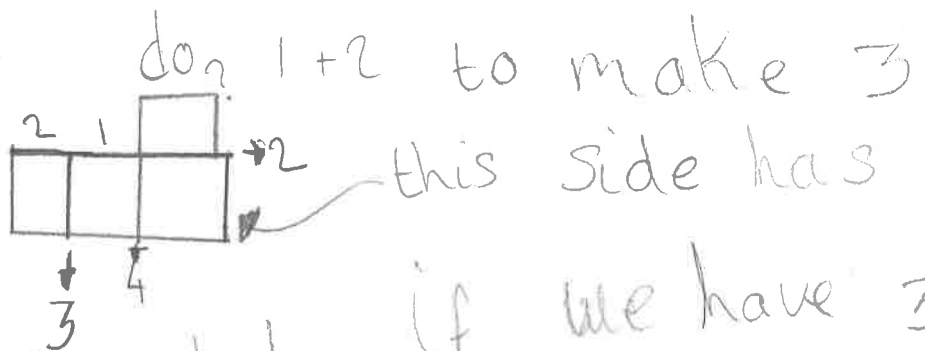
	number of Carriages	number of Funells
11	$5 + 1 =$	6
12	$1 + 1 + 1 =$	3
13	$1 + 1 + 1 =$	3
14	$3 + 3 =$	6



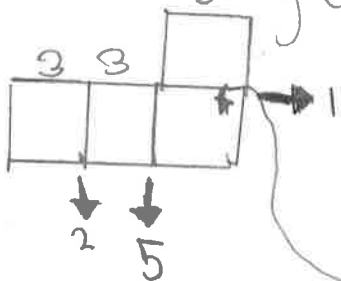
Every sum at least has 2 possibilities because you can swap the carriages.



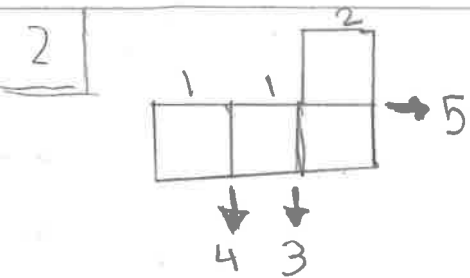
You can't because



3 on it but if we have 3 on this side that means we won't get 3 for the answer.



1 is opposite to 6 that means here should be facing up.



You can always swap the carriages.

1) I have found all the possibilities because I worked systematically. First you pick a sum and then I found 2 numbers that match, then the other 2, finally you find the number opposite to your answer

3) 3 doesn't work because number near the bottom funnel can't be a 4 but we need a 4 at the bottom funnel because 3 would've be facing up because 4 would be at the bottom.

2) and match it with the other dice (funnel top).

