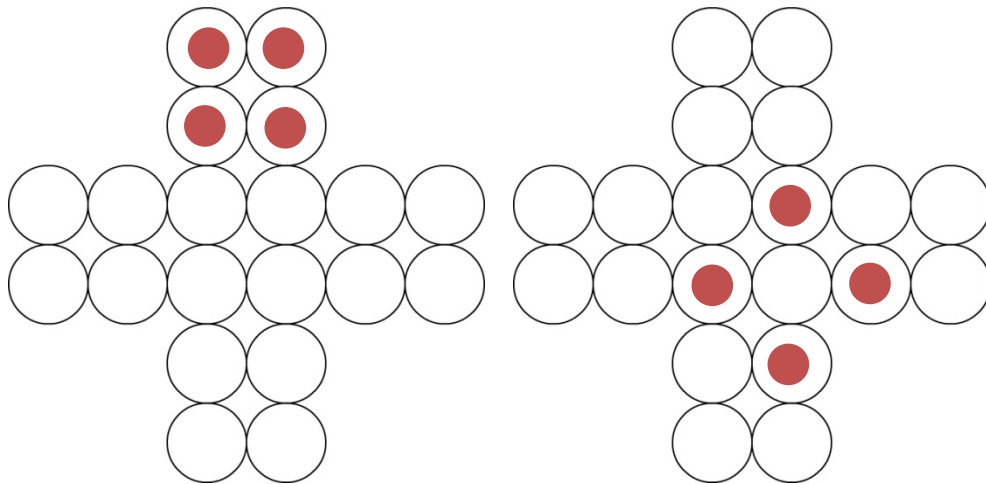


Cross Target

Imagine a new game of darts for those who can't count but know what a square is. To score you need to use 4 darts and hit 4 different circles. To score a point those circles must form a square.

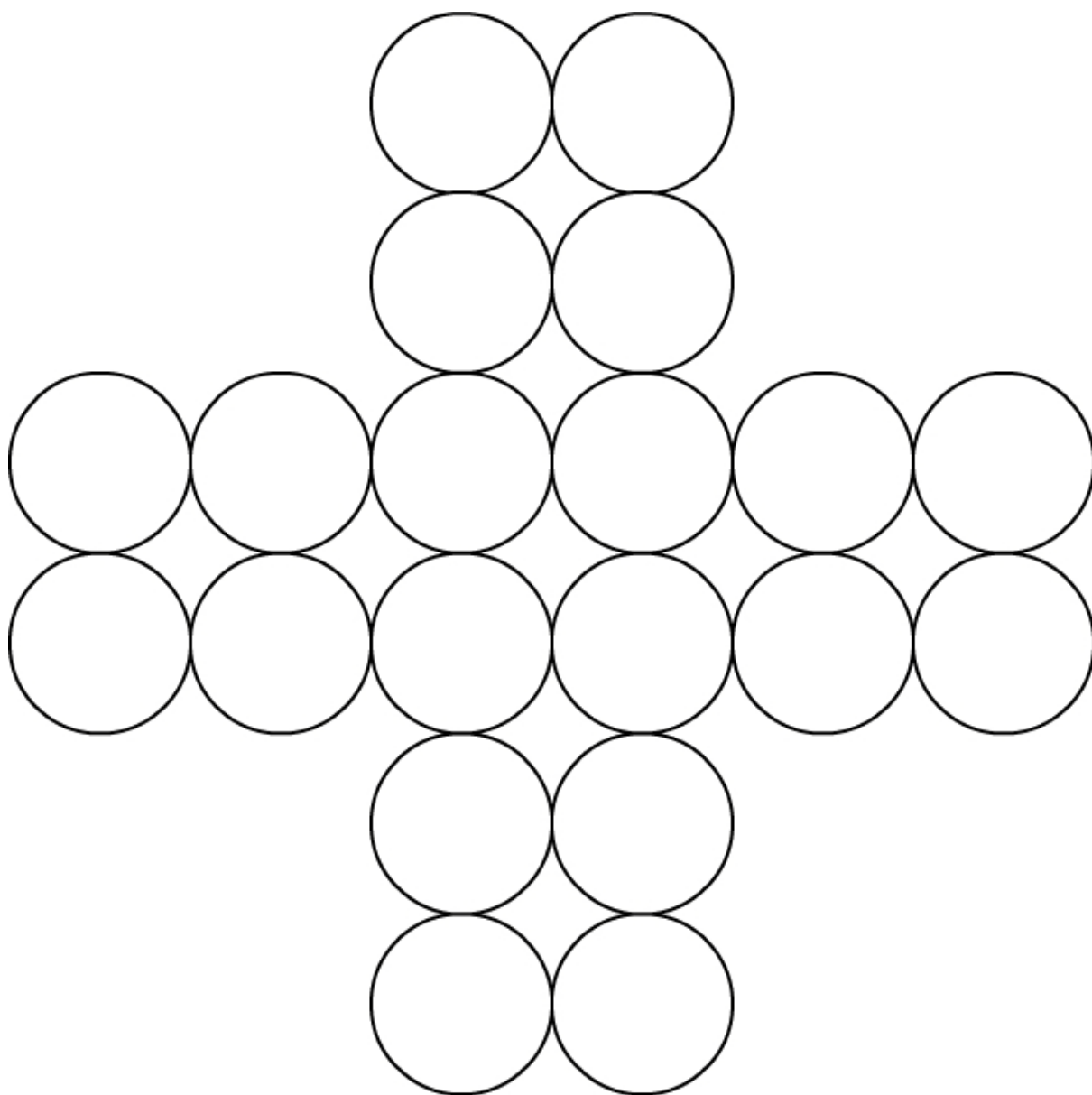


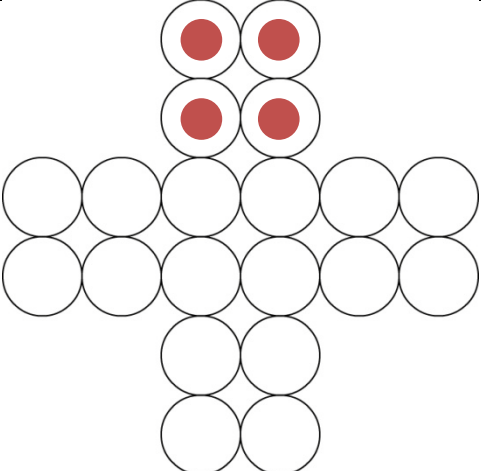
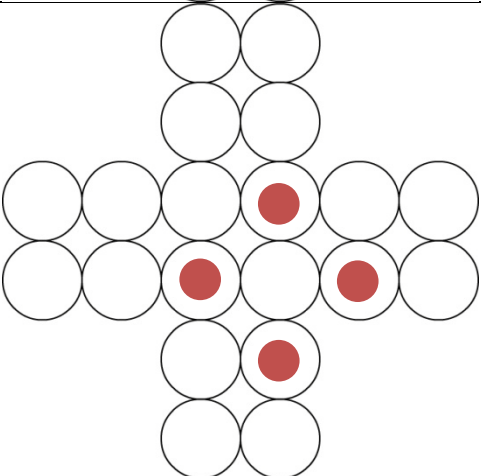
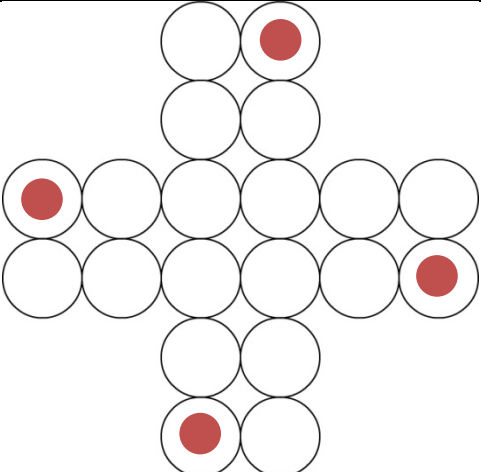
Example:

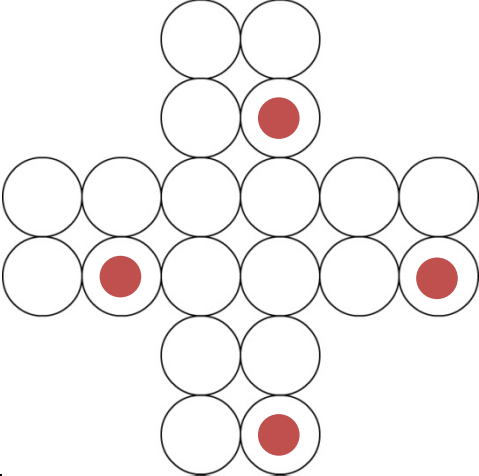
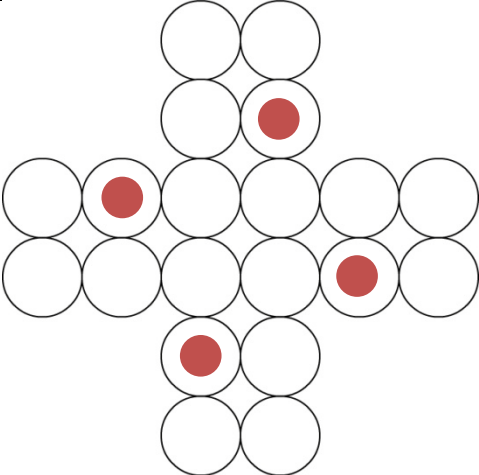
The first player hit the top 4 circles. This is a square so scored a point.

The second player tried to hit the 4 circles in the bottom section but when his second shot missed 1 up and 1 to the left he had to rethink. He still formed a square and scored a point.

Your challenge is to work out exactly how many ways there are to form a square in 4 shots.



	<u>Type a</u>
	<u>Type b</u>
	<u>Type c</u>

	<u>Type d</u>
	<u>Type e</u>