

Six by Twelve

Match the numbers on the red and white 12-sided dice!



To play: Roll all six 12-sided dice.

To score: Count the number of red/white matches.

<u># matches</u>	<u># points</u>
0	0
1	10
2	100
3	500

Examples:

No matches: $R=(1,3,5)$ and $W=(2,6,9)$

No matches: $R=(4,4,8)$ and $W=(2,5,12)$ (i.e., two matching reds don't count)

One match: $R=(1,5,6)$ and $W=(1,7,10)$

One match: $R=(4,4,8)$ and $W=(2,4,7)$ (i.e., only one of the red 4s matches)

Two matches: $R=(3,4,8)$ and $W=(3,4,9)$

Two matches: $R=(4,4,8)$ and $W=(4,4,9)$ (we can count both 4 matches)

Three matches: $R=(4,5,8)$ and $W=(4,5,8)$ (yay!)