Hit the target

1. Roll the dice three times, and arrange the digits to make a three-digit target number.

2. Roll the dice six more times, and write down the digits. You can use these as single digits, or combine them to make larger numbers.

3. Use all those numbers, with any operations, to get as close to the target as you can.

Example

1.

Ian chose as a target number: 732

2.

These are his digits: 2 1 1 4 3 9

3.
Ian's first attempt
He made these numbers: 34 21 19

$34 \times 21 = 714$

$714 + 19 = 733$

Ian's second attempt
He made these numbers: 943 211

$943 - 211 = 732$

Bull's eye!