



DIVISIBILITY GAMES

<https://aiminghigh.aimssec.ac.za/divisibility-game/>

Decide the divisors for your game, say 3 and 5. Throw 2 dice and choose between two 2-digit numbers (unless it's a double) e.g. with 5 and 6 choose from 56 or 65.

Score 1 point if your number is divisible by 3 or 5, 2 for divisibility by a square of 3 or 5, and 3 for divisibility by a cube of 3 or 5 etc. So, 56 scores no points, 65 scores 1.

You can use the ladder to record scores. It is wide enough for 2 on the same step. One counter can go past another. Counters are blocked by a step with 2 counters on it, and may lose points, or lose a turn.

