

Maths Game

Totality

A game for 2 players

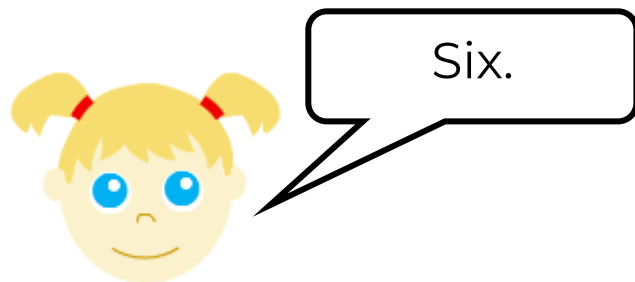
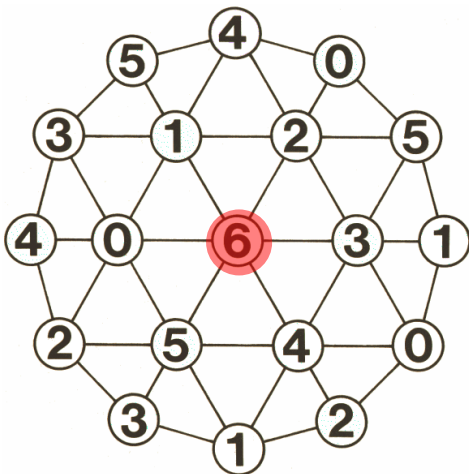
You will need:

- A game board
- A counter (or a coin, piece of paper, game playing piece, chocolate, sweet)
- A piece of paper
- A pen or pencil

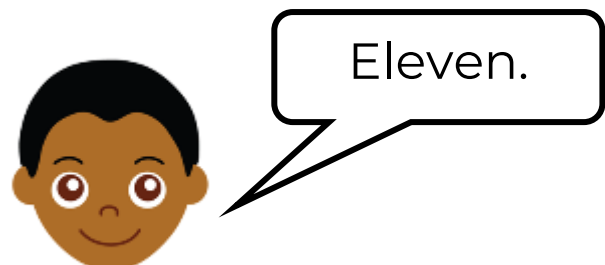
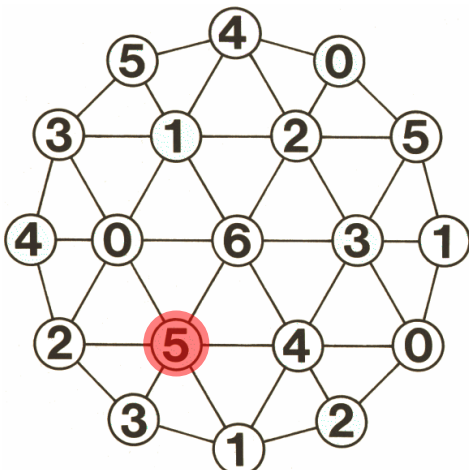
Instructions

Player 1 chooses a target to reach, such as 23. This is the total **both** players are trying to make.

Player 2 places the counter on the game board over one of the numbers and says that number, e.g.

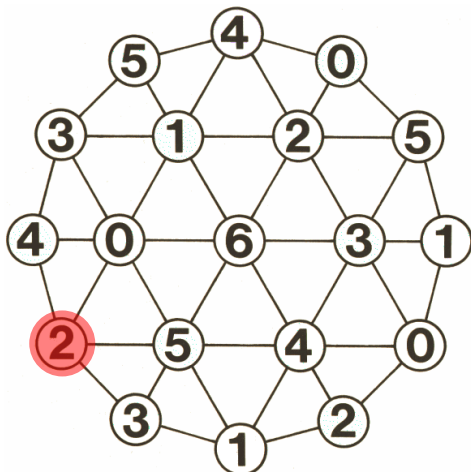


Player 1 moves **the same counter** in any direction along a line to a neighbouring number and says the total of the two numbers, e.g.



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The game returns to Player 2 who moves **the same counter** in any direction along a line to a neighbouring number, adds on that number, and says the 'running' total of the three numbers, e.g.



Thirteen.

The game continues with players taking it in turns to slide the counter along a line to a neighbouring number and adding that number to the 'running' total.

Players must move when it is their turn. No 'jumping' over numbers is allowed.

The winner is the player who says the target number. If a player makes the total go above the target number then they lose the game and the other player is the winner.

Why not try making your own game board using the blank version?

Once you've made your own game board - test it - is it possible to make different target numbers with the board that you've made?

Information for Parents/Carers

Try to encourage your child to calculate mentally during their turn, although to support their memory (and yours), they may find it useful to write the 'running' total on a piece of paper.

As a guide to which version of the game to play with your child:

Year 1: Game board 1; target number between 20 and 30

Years 2 and 3: Game board 2; target number between 110 and 134, e.g. 132

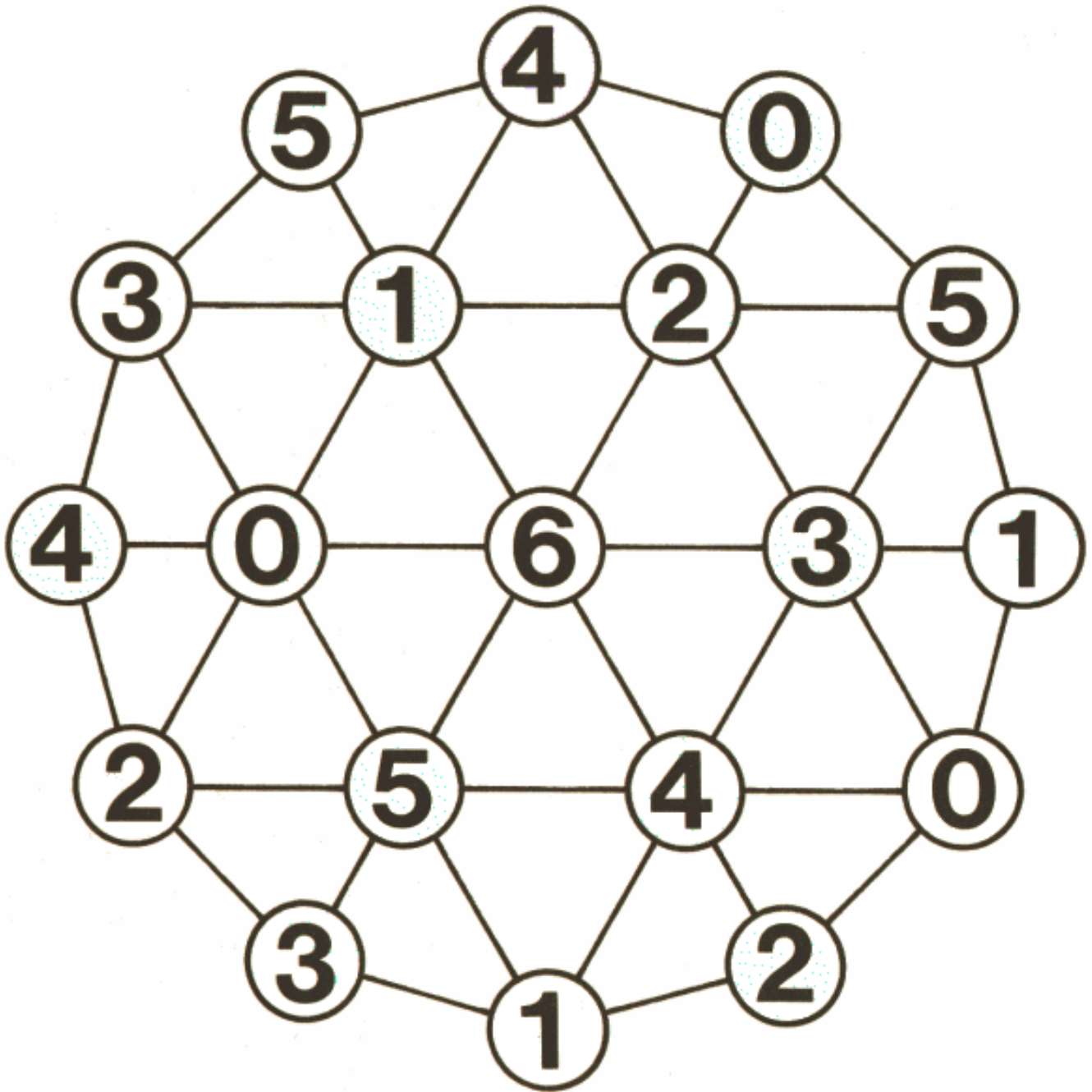
Years 4, 5 or 6: Game board 3; target number to one decimal place between 3 and 4, e.g. 3.2

To see this game in action, you can watch it on the LPDS YouTube channel here:

<https://www.youtube.com/watch?v=abZWe8f44Zc>

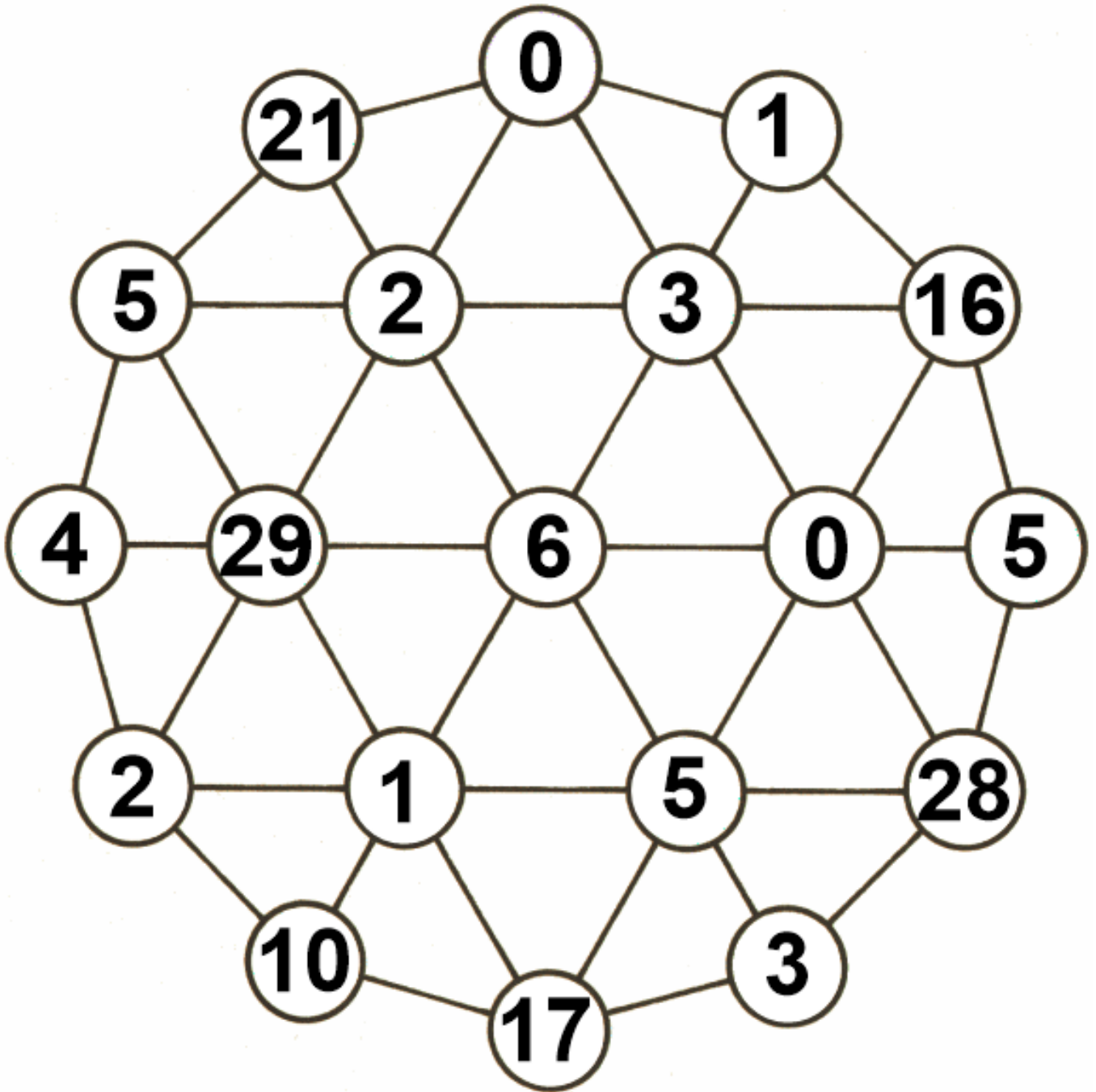
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Game Board 1



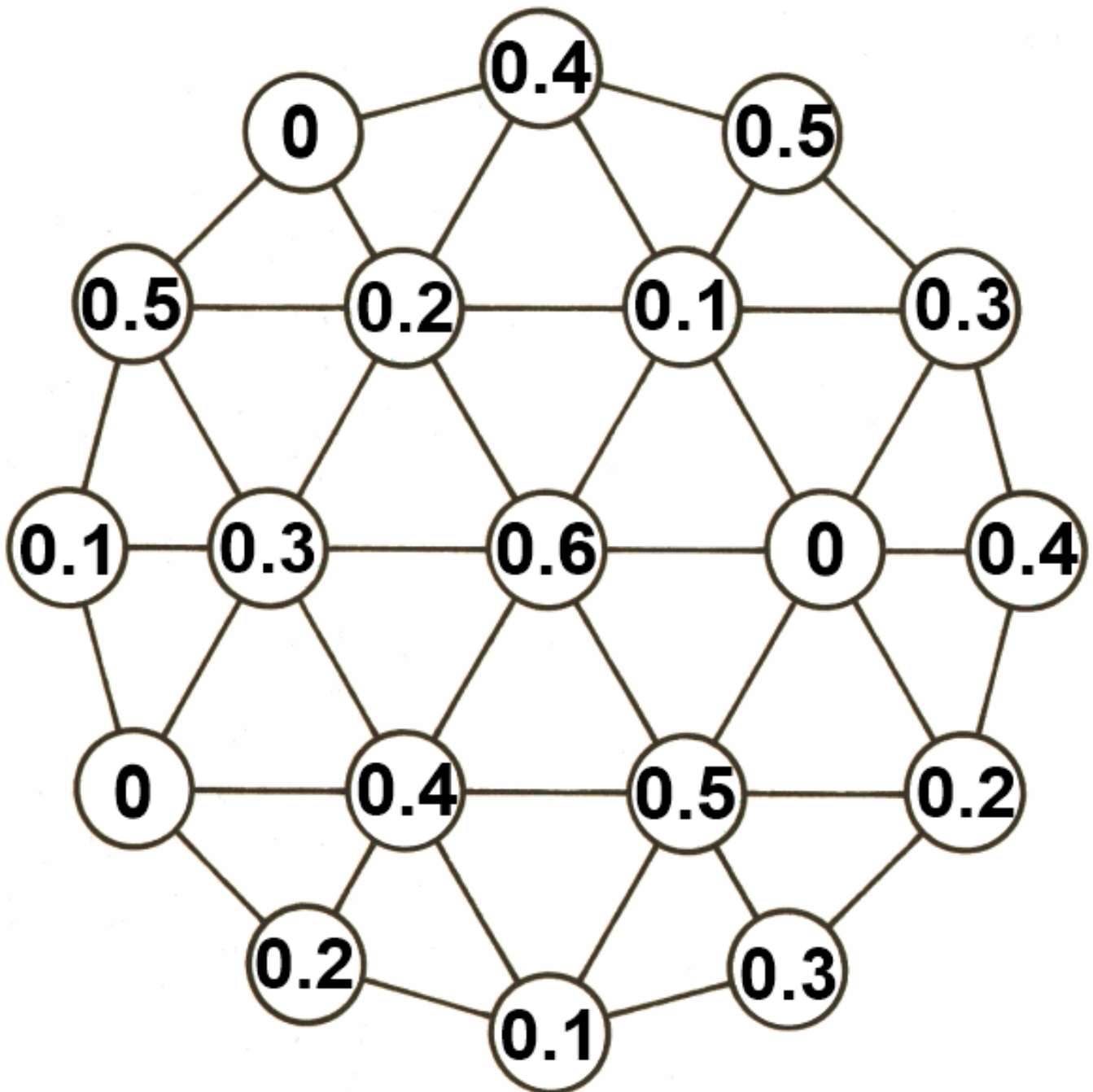
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Game Board 2



Maths Game

Game Board 3



Maths Game

Blank Game Board

