

DICE GAMES

QUADROIT



You will need:

- 2 players;
- 2 sets of different coloured counters;
- 3 dice (1-6 spots);
- a copy of the game board.

How to play:

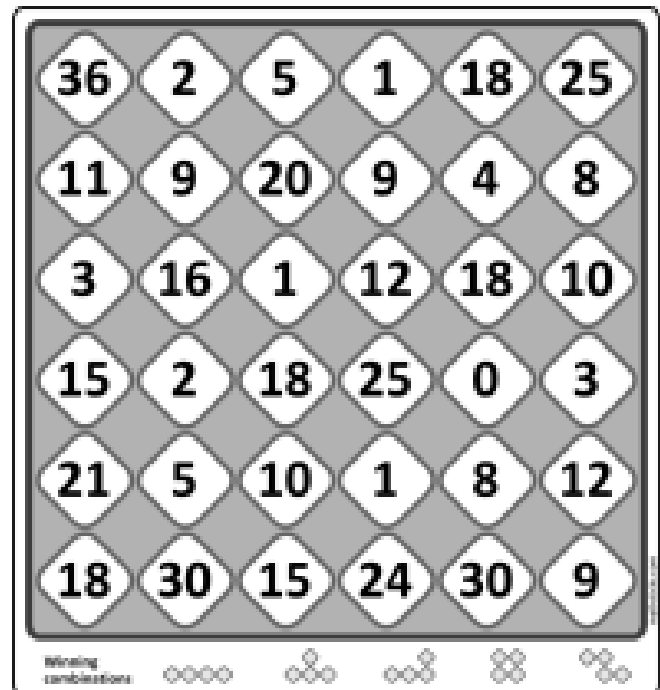
The players take it in turns to roll all three dice. They then choose **any two of the numbers** and use **any operation** (addition, subtraction, multiplication or division) in order to generate a number that is on the game board.

If their calculations are correct and they have obtained a number that is on the board they can cover it with one of their counters.

If they cannot create one of the numbers, or if they make a mistake with their calculations they miss that turn.

The winner is the first player to cover four connected numbers, as illustrated. The winning combinations can be either vertical or horizontal, rotated or flipped.

The game gives children plenty of opportunities to reinforce their problem solving and calculating skills. To enable greater collaboration it can be useful to ask the players to work together to create a winning combination in a set time.



36

2

5

1

18

25

11

9

20

9

4

8

3

16

1

12

18

10

15

2

18

25

0

3

21

5

10

1

8

12

18

30

15

24

30

9

Winning combinations

