You will need...

- A dice
- A counter per player



## How to play...

1. Players take it in turns to roll the dice. The player with the highest rolled number goes first, the person with the second highest rolled number goes second and so on.
2. The player moves the counter the number of spaces shown on the dice, then says the value of the digit underlined. If they correctly identify the place value of the underlined digit, they stay on the square. If not, they move back to the previous square that they came from.
3. If a player lands on a snake's head, the player's counter slides down to the square at the bottom of the snake's tail.
4. If a player lands on the bottom of a ladder, the player's counter climbs up to the square at the top of the ladder.
5. The first player to reach 30 is the winner!

| Finish 30 | $\begin{gathered} 4185 \\ 29 \end{gathered}$ | $\begin{gathered} 3321 \\ 28 \end{gathered}$ | $\begin{gathered} 6314 \\ 27 \end{gathered}$ | $\begin{gathered} 3689 \\ 26 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| 2156 21 | $\begin{array}{r} 3704 \\ 22 \end{array}$ | 2241 23 | $\sqrt{6407} \begin{aligned} & 24\end{aligned}$ | $\begin{gathered} 3860 \\ 25 \end{gathered}$ |
| $\begin{array}{r} 1840 \\ 20 \\ \hline \end{array}$ | $\begin{gathered} 4132 \\ 19 \\ \hline \end{gathered}$ | 5885 18 |  | $\begin{gathered} 3472 \\ 16 \\ \hline \end{gathered}$ |
| $\begin{gathered} 6747 \\ 11 \end{gathered}$ | $\begin{aligned} & 1478 \\ & 12 \end{aligned}$ | 8075 <br> -13 |  | $\begin{aligned} & 8080 \\ & 15 \end{aligned}$ |
|  | ${ }_{9}$ | $\begin{gathered} 9173 \\ 8 \end{gathered}$ | $\begin{array}{r} 2906 \\ 7 \end{array}$ | $\begin{gathered} 9847 \\ 6 \\ \hline \end{gathered}$ |
| Start | $\frac{1583}{2}$ | $\begin{gathered} 3 \underline{9} 02 \\ 3 \end{gathered}$ | $\begin{gathered} 5567 \\ 4 \end{gathered}$ | $\begin{gathered} 89 \underline{2} 7 \\ 5 \end{gathered}$ |

## Snakes and Ladders

You will need...

- A dice
- A counter per player



## How to play...

1. Players take it in turns to roll the dice. The player with the highest rolled number goes first, the person with the second highest rolled number goes second and so on.
2. The player moves the counter the number of spaces shown on the dice, then partitions the number into thousands, hundreds, tens and ones. If they correctly partition the number, e.g. 2583, 2 thousands, 5 hundreds, 8 tens and 3 ones, they stay on the square. If not, they move back to the previous square that they came from.
3. If a player lands on a snake's head, the player's counter slides down to the square at the bottom of the snake's tail.
4. If a player lands on the bottom of a ladder, the player's counter climbs up to the square at the top of the ladder.
5. The first player to reach 30 is the winner!

| Finish 30 | $\begin{gathered} 4187 \\ 29 \end{gathered}$ | $\begin{gathered} 8062 \\ 28 \end{gathered}$ | $\begin{gathered} 8227 \\ 27 \end{gathered}$ | $\begin{gathered} 3184 \\ 26 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\begin{gathered} 4875 \\ 21 \end{gathered}$ | $\begin{array}{r} 3304 \\ 22 \end{array}$ | 8805 23 | $\sqrt{4339} \begin{aligned} & 24\end{aligned}$ | $\begin{gathered} 1273 \\ 25 \end{gathered}$ |
| $\begin{array}{r} 2867 \\ 20 \end{array}$ | $\begin{array}{r} 4873 \\ 19 \\ \hline \end{array}$ |  | $\begin{aligned} & 4298 \\ & 17 \\ & \hline \end{aligned}$ | $\begin{gathered} 6980 \\ 16 \\ \hline \end{gathered}$ |
| $\begin{gathered} 2864 \\ 11 \end{gathered}$ | $\begin{gathered} \square \\ 1935 \\ 12 \end{gathered}$ | $\begin{gathered} 9086 \\ \text { by } 13 \end{gathered}$ |  | $\begin{gathered} 8062 \\ 15 \end{gathered}$ |
|  | $1543 \mathrm{~A}$ | $\begin{gathered} \\ 5978 \\ 8 \end{gathered}$ | $\begin{array}{r} 4072 \\ 7 \end{array}$ | $\begin{gathered} 5872 \\ 6 \\ \hline \end{gathered}$ |
| Start 1 | ${ }^{5683} \begin{gathered}2\end{gathered}$ | $\begin{gathered} 3952 \\ 3 \end{gathered}$ | $\begin{gathered} 6849 \\ 4 \end{gathered}$ | $\begin{gathered} 9237 \\ 5 \end{gathered}$ |

## Snakes and Ladders

## You will need...

- A dice
- A counter per player


## How to play...

1. Players take it in turns to roll the dice. The player with the highest rolled number goes first, the person with the second highest rolled number goes second and so on.
2. The player moves the counter the number of spaces shown on the dice, then partitions the number that they land on in a different way, e.g. 3 hundreds, 5 tens and 4 ones could be 35 tens and 4 ones, 34 tens and 14 ones etc. If they correctly partition the number in a different way, they stay on the square. If not, they move back to the previous square that they came from.
3. If a player lands on a snake's head, the player's counter slides down to the square at the bottom of the snake's tail.
4. If a player lands on the bottom of a ladder, the player's counter climbs up to the square at the top of the ladder.
5. The first player to reach 30 is the winner!

| Finish $30$ | 4 thousands, 8 hundreds, 2 tens and 3 ones 29 | 2 thousands, <br> 4 hundreds <br> and <br> 17 ones 28 | 10 hundreds, 10 tens and 10 ones 27 | 2 thousands 5 hundreds, 6 tens and 7 ones 26 |
| :---: | :---: | :---: | :---: | :---: |
| 21 <br> hundreds, 7 tens and 9 ones 21 | $\begin{aligned} & 21 \\ & \text { hundreds, } \\ & 5 \text { tens and } \\ & 3 \text { ones } \\ & 22 \end{aligned}$ | 17 hundreds, 4 tens and 5 ones 23 | 1 thousand, 14 tens and 8 ones | 81 hundreds and 15 ones 25 |
| 2 thousands, 2 tens and 2 ones 20 | 29 hundreds and 3 ones $19$ | 3 thousands and 21 tens 18 | 9 <br> thousands, 4 tens and 1 one | 2 thousands, 4 hundreds, 11 tens and 1 one 16 |
| 24 hundreds and 9 ones 11 | 27 hundreds and 28 ones 12 | 6 thousand, 34 tens and 6 ones <br> 13 | 75 hundreds and 3 ones 14 | 3 thousands and 3 tens $15$ |
| 9 thousands and 5 ones $10$ | 5 thousands, 1 hundred and 74 ones 9 | 1 thousal and 34 ones | thousands, 9 hundreds and 5 tens 7 | 94 hundreds 6 |
| Start <br> 1 | 1 hundred, 2 hundreds, 3 tens and 6 ones 2 | 9 thousands <br> 1 hundreds, <br> 5 tens and 8 ones 3 | 21 hundreds and 19 ones <br> 4 | 5 thousands 45 tens and 8 ones 5 |

