

MOVING DIGITS GAME

Game



- copies of place value houses for each player
- a ten-sided die numbered 0 to 9
- four sets of playing cards numbered 1 to 10
- cards with $\times 10$, $\times 100$

Moving digits

- 1 Place the cards with $\times 10$ and $\times 100$ face down on the table.
- 2 The person with the most letter 'a's in their name starts.
- 3 Take turns to roll the die three times.
Make a three-digit number with the numbers you rolled.

Example Jess rolled a 2, 6 and 4 and made the number 624.

- 4 Put playing cards with these numbers into the place value house.

Example Jess put playing cards onto her chart like this.

Millions	Hundreds of Thousands	Tens of Thousands	Thousands	Hundreds	Tens	Ones
				6	2	4

- 5 The other player takes one of the cards that is face down on the table.
This person moves the cards in the place value house the right number of places to make the number that is $\times 10$ or $\times 100$ bigger.

Example Max picked up the card with $\times 100$ on it.

He moved the cards so that the place value house looked like this.

He used the backs of the cards to show zeros.

Millions	Hundreds of Thousands	Tens of Thousands	Thousands	Hundreds	Tens	Ones
		6	2	4		

- 6 If you are correct, (use a calculator to check if you need to) take 10 points.
- 7 The winner is the person with the most points after each player has had ten turns.