

A game/puzzle for students to learn and practise place value.

You need:

A set of five crocodile sheets (A4 size),
A set of 45 place value cards



How to play:

As a puzzle:

Cover up each crocodile with a card that can make the number on the crocodile.

For example, 37 could be covered with the card ones because 37 ones equal 37; 37 can also be covered by the card 2 tens and ones since 2 tens and 17 ones make 37. Students can be supported with materials, like play money or a calculator, if they need to check their answers.

As a game:

Each person gets a crocodile sheet so there are five players. The cards are shuffled and each player gets dealt five cards.

A turn is using a card to cover a crocodile if the card works then replacing the card from the deck. Alternatively for their turn a player can trade a card they don't want with another player. They show the card to the other players and ask "Does anyone need this card?" If a player accepts the offer they allow the offering player to blindly choose one of their cards.

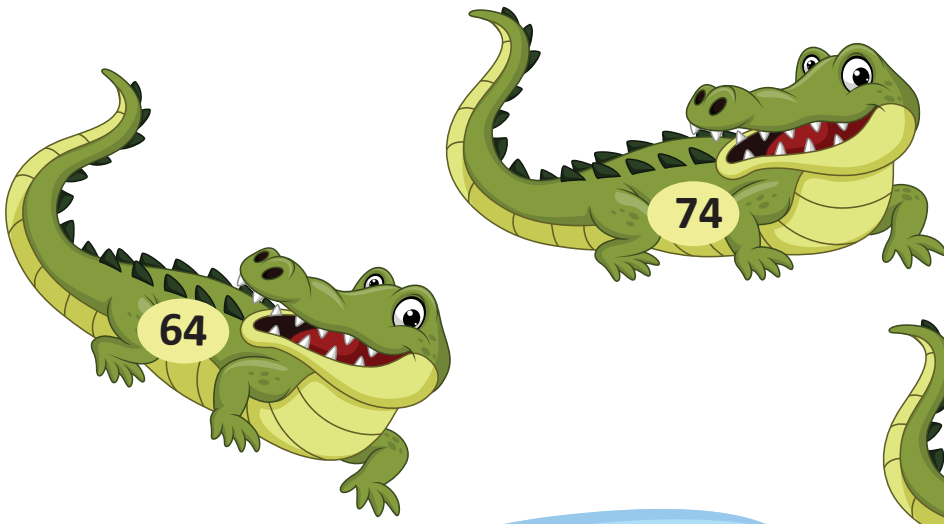
The first player to cover all of their crocodiles wins the game.

Cover Cathy Crocodile: Tens and ones

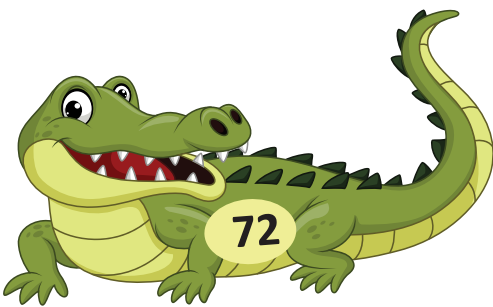
<input type="text"/> tens	<input type="text"/> tens and 0 ones	<input type="text"/> tens and 2 ones
<input type="text"/> tens and one	<input type="text"/> tens and 3 ones	1 ten and <input type="text"/> ones
<input type="text"/> tens and 4 ones	<input type="text"/> tens and 5 ones	<input type="text"/> tens and 6 ones
<input type="text"/> tens and 7 ones	<input type="text"/> tens and 8 ones	<input type="text"/> tens and 9 ones
2 tens and <input type="text"/> ones	3 tens and <input type="text"/> ones	4 tens and <input type="text"/> ones
5 tens and <input type="text"/> ones	6 tens and <input type="text"/> ones	7 tens and <input type="text"/> ones
8 tens and <input type="text"/> ones	9 tens and <input type="text"/> ones	0 tens and <input type="text"/> ones
<input type="text"/> tens and 11 ones	<input type="text"/> tens and 13 ones	1 ten and <input type="text"/> ones
<input type="text"/> tens and 14 ones	<input type="text"/> tens and 15 ones	<input type="text"/> tens and 16 ones
<input type="text"/> tens and 17 ones	tens and 18 ones	<input type="text"/> tens and 19 ones

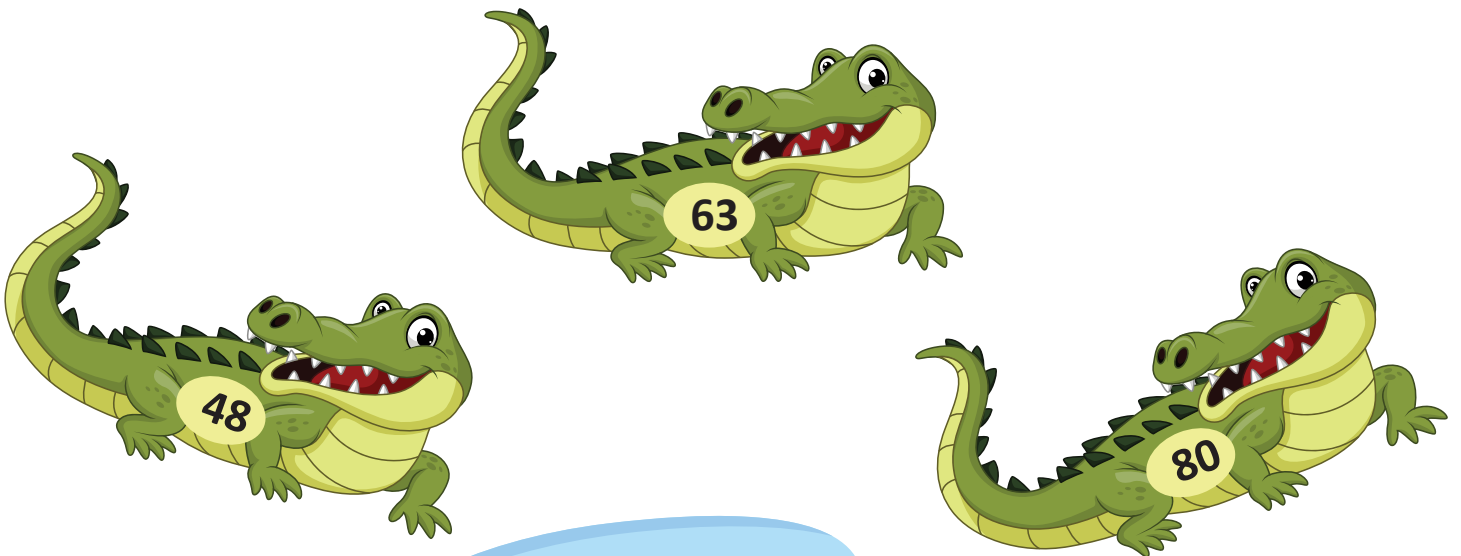
Cover Cathy Crocodile: Tens and ones

<input type="text"/> tens and 21 ones	<input type="text"/> tens and 33 ones	3 tens and <input type="text"/> ones
<input type="text"/> tens and 24 ones	<input type="text"/> tens and 25 ones	<input type="text"/> tens and 26 ones
<input type="text"/> tens and 27 ones	<input type="text"/> tens and 28 ones	<input type="text"/> tens and 39 ones
<input type="text"/> ones	4 tens and <input type="text"/> ones	5 tens and <input type="text"/> ones
6 tens and <input type="text"/> ones	7 tens and <input type="text"/> ones	8 tens and <input type="text"/> ones

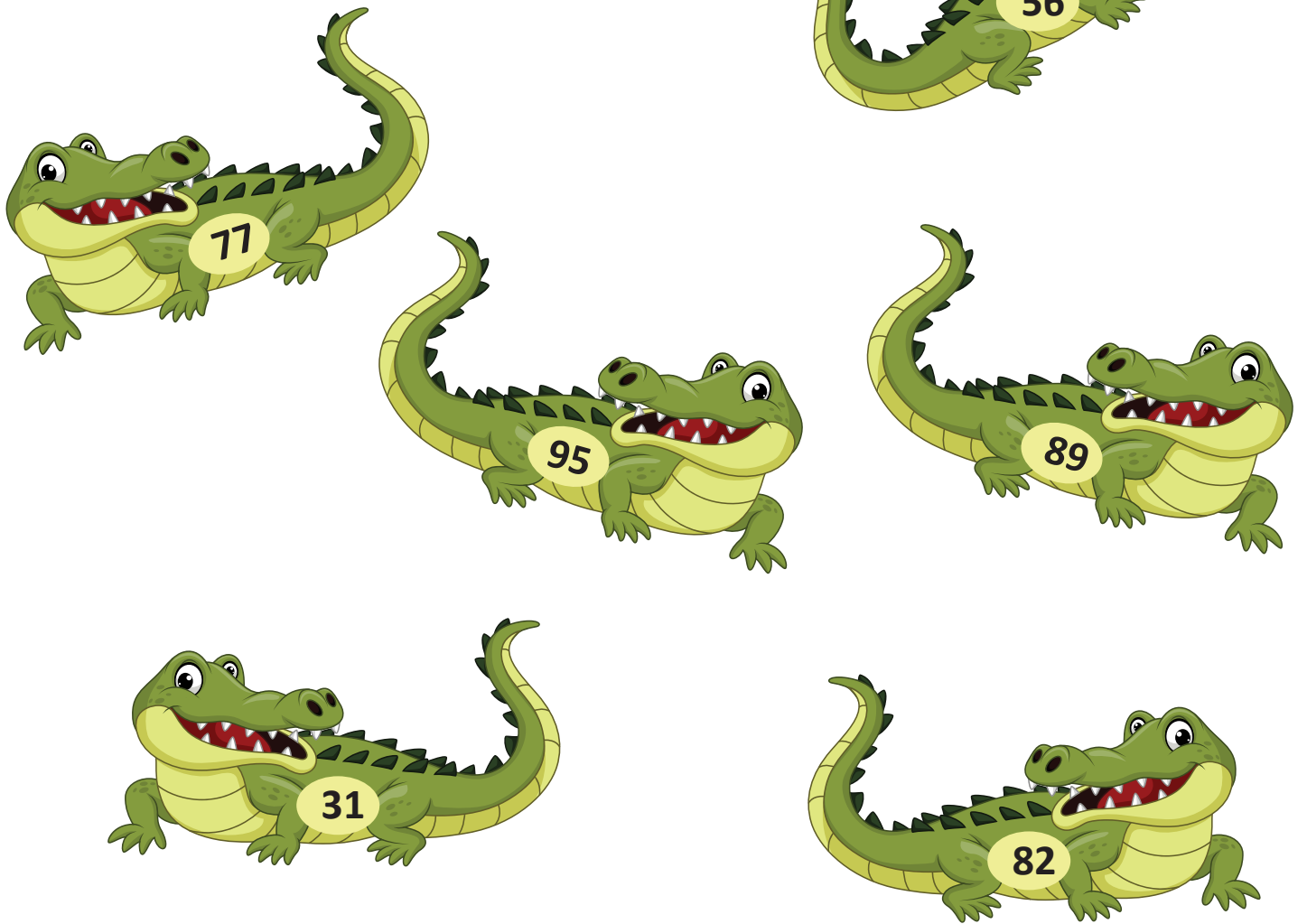


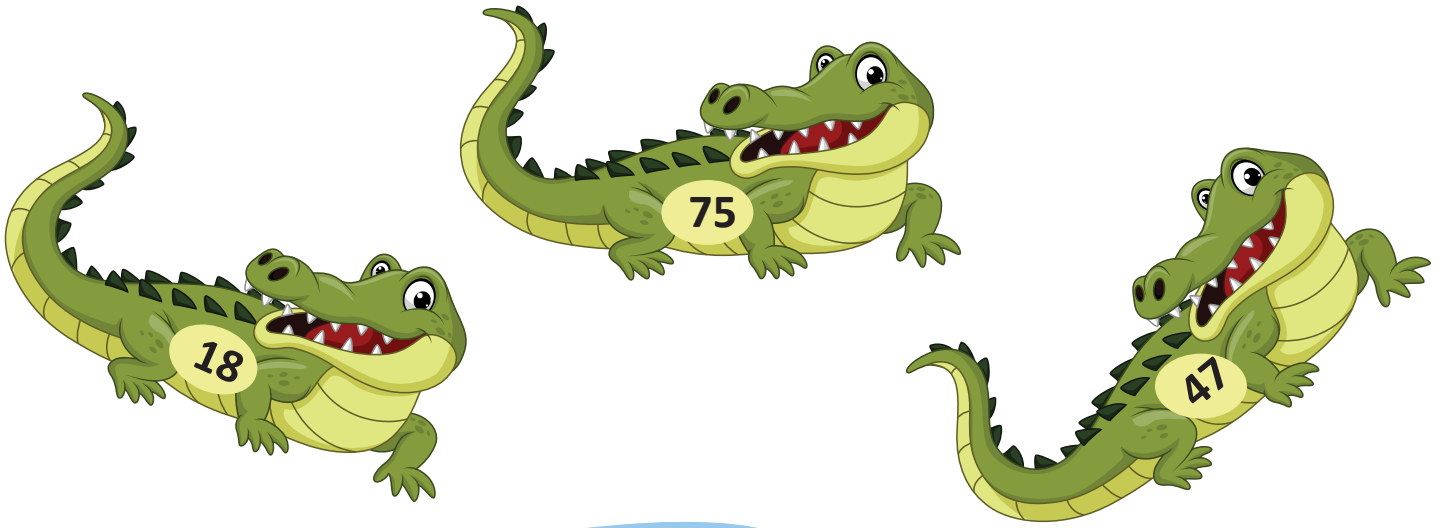
Cover Cathy
Crocodile





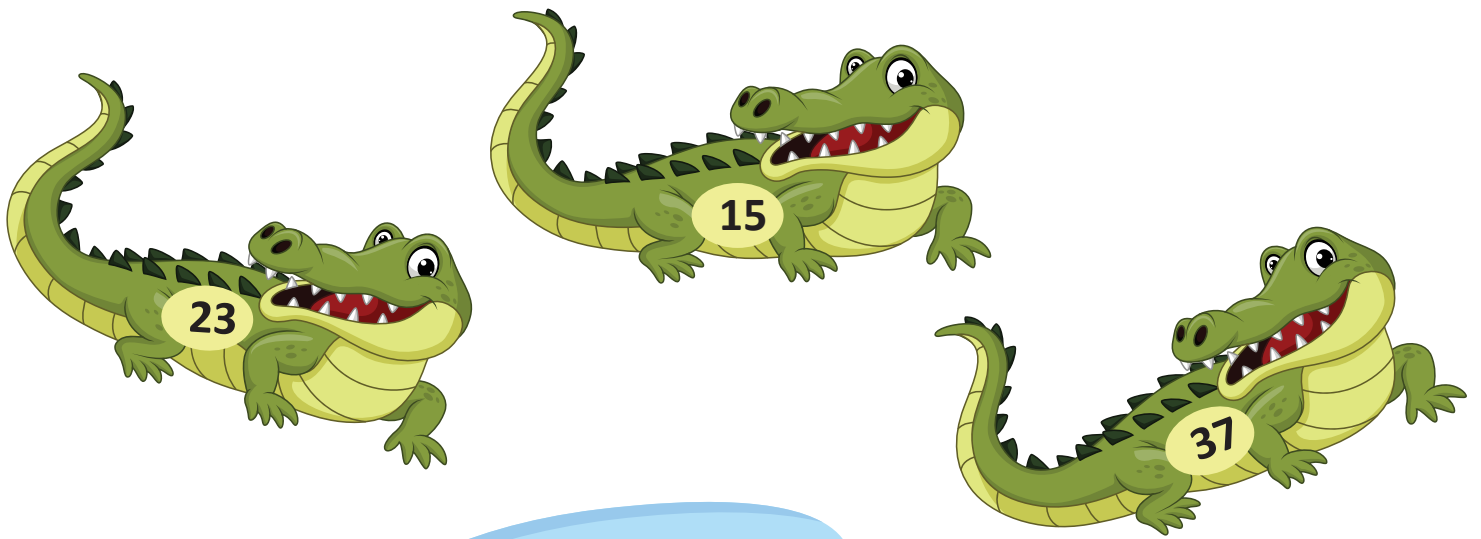
Cover Cathy
Crocodile



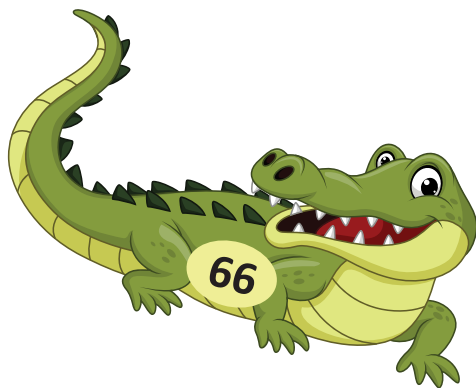
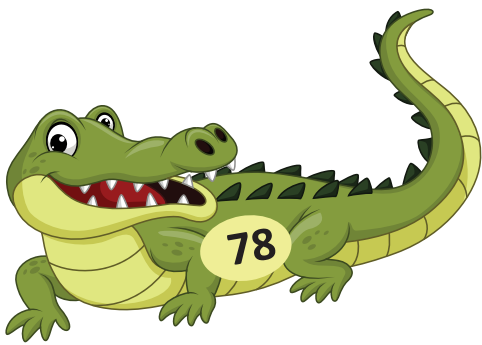


Cover Cathy
Crocodile





Cover Cathy
Crocodile





Cover Cathy
Crocodile

