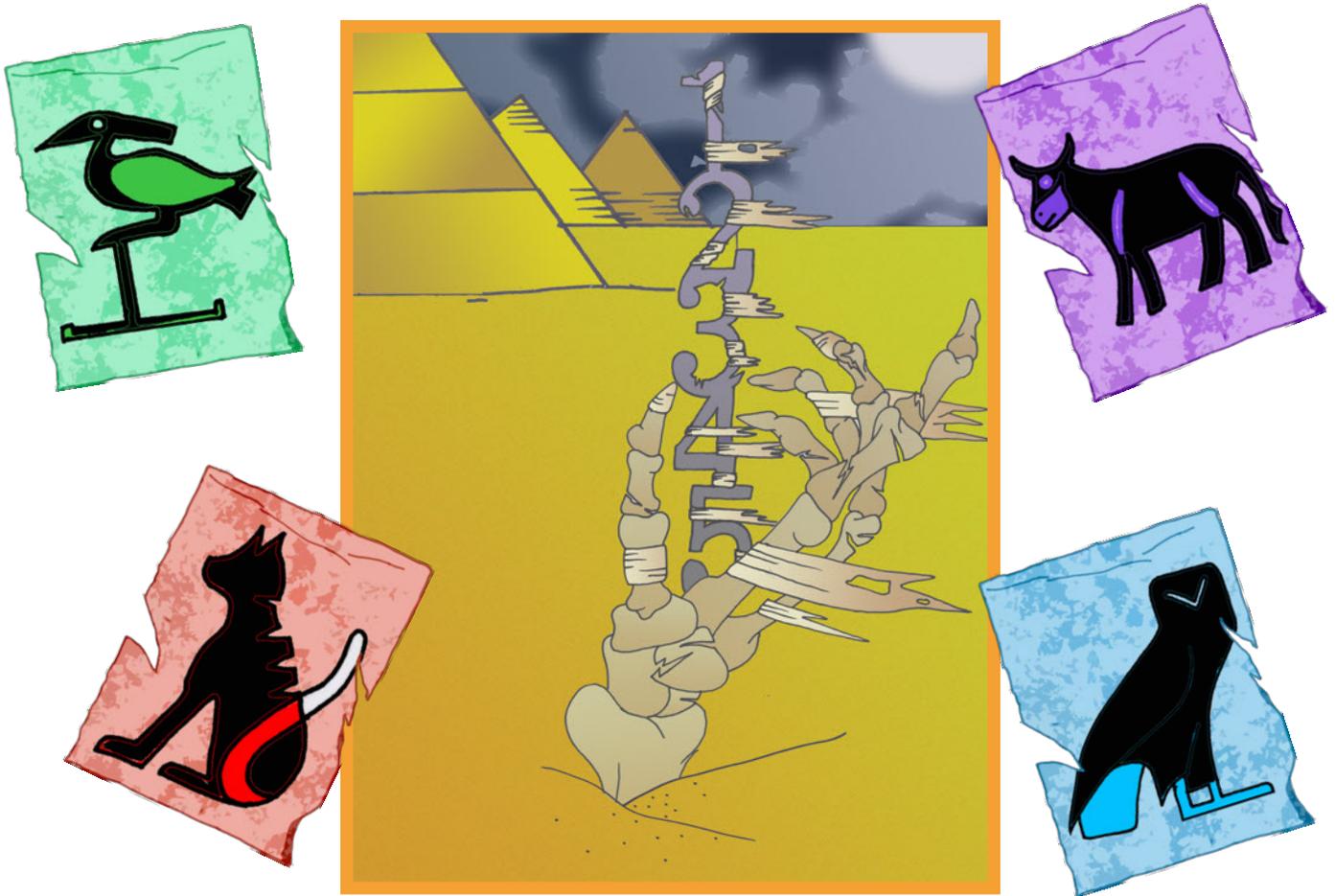


Number Bonds



Students can practise the number bonds for 10 and 20, while playing a game. They will roll a dice and progress along a board by working out the difference between 10 or 20 and the number rolled. This activity encourages quick mental arithmetic.

Suitable for students aged 5+

Learning Outcome: Students will have increased their ability to add and subtract through knowing the number bonds for ten and twenty.

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Number Bonds

Developed by Alison Mott, Rendell School, Loughborough
Illustrated by Peter Bennett

Theme: Number Bonds

Age range: 5+

Context:

Students can practise the number bonds for 10 and 20, while playing a game. They will roll a dice and progress along a board by working out the difference between 10 or 20 and the number rolled. This activity encourages quick mental arithmetic.

Preparation:

Print out the A4 sheets. Make up the A3 Number Counting Track Board by cutting off one white border and gluing the top half to the bottom half. If possible, laminate it. You can print out and make up several boards so that different groups of students can play at the same time. Cover the Counters sheet in 'clear pvc self adhesive film'. Then cut out the squares to make your counters, folding down the tabs so that the counters are free-standing. We have left eight counters clear for students to add their own drawings.

HOW TO PLAY:

You will need a die, counters and a Number Track Board.

This game can be played in groups of four or one against one.

Players take turns to roll the die. They then decide which number they need to add to the number on the die to make 10.

Next, they move their counter that many spaces along the track.

The winner is the first person to get to the finish.

After playing to make number bonds for 10, why not try with number bonds for 20? You can use two or three dice for this version.

Learning Outcomes:

Students will have increased their ability to add numbers together quickly through recognising the number bonds for 10 and 20.

If you have found further learning outcomes please share them by emailing collaborate@mantralingua.com.

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(You can purchase a professionally printed, sound-enabled version of this activity with pre-cut cards from www.mantralingua.com. Students can use TalkingPEN to record and re-record aurally onto the pages and cards. Recordings can be saved and used for assessment, or shared with other classes and schools via "ShareLINK".)

Number Bonds - Counting Track

(This is the top half of the track board. Cut along the dotted line to the right and glue it to the bottom half.)

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50

