

Game

Games are a great resource.

They support talk in maths and, just as important, they motivate us to persevere.

Pelmanism

First, choose to play finding:

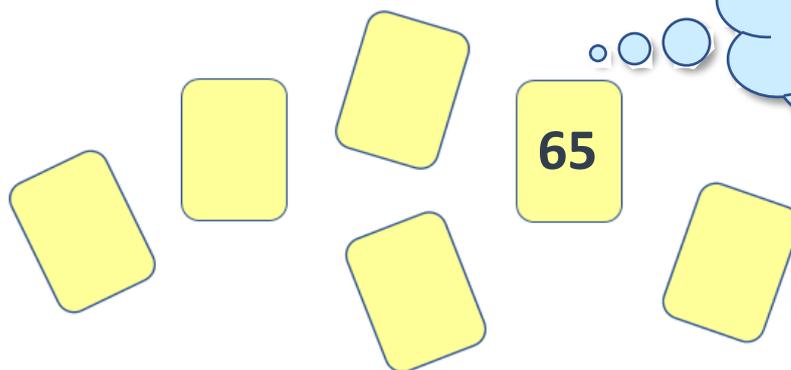
- pairs to 100 using Set A (multiples of 10)
- pairs to 100 using Set B (multiples of 5)
- pairs to 100 using Set C (any numbers)

Now cut out and shuffle the cards for your chosen game.



- Place the cards face down – *no peeking!*
- Take it in turns to turn over two cards, one at a time. If they add up to 100, you keep the pair of cards.
- If they don't add up to 100, turn them back over so they are face down. Don't worry, but **do** try to remember where they were...

Pelmanism is a pairs game you can play on your own or with someone else. To begin with, play it with an adult.



- Keep taking it in turns.
- To begin with, there are lots of cards, but after a while it gets easier to remember where certain numbers are!
- Carry on until all the cards are gone. Who collected most pairs?

That person is the winner!

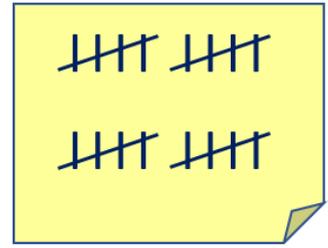
Play again...

- Why not try a different set of cards to make it harder? Shuffle the cards, spread them out and play again.

Solitaire

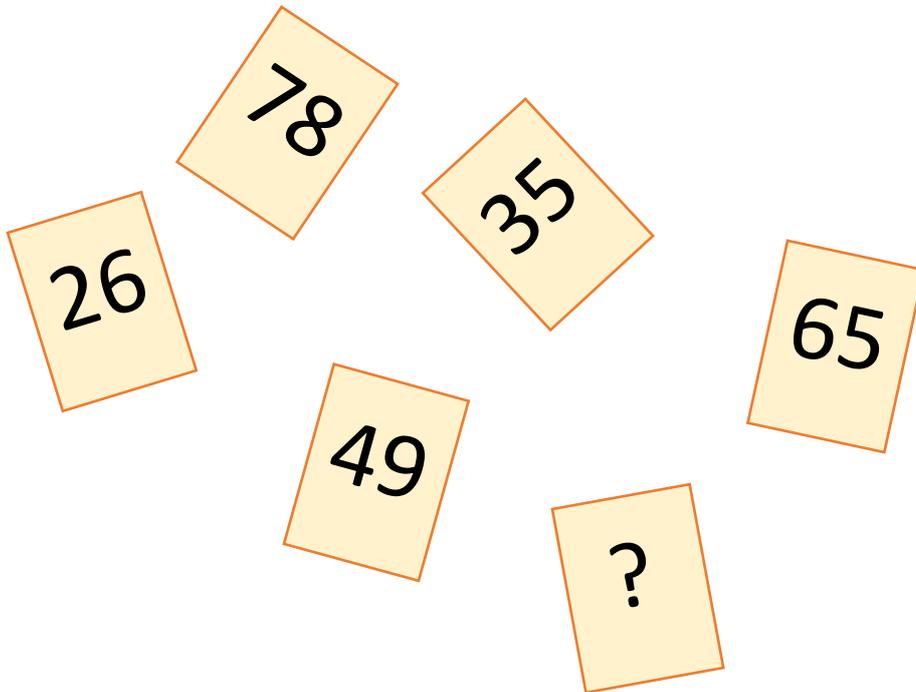
Play this version of the game on your own.

- How many goes does it take for you to find all the pairs of cards?
- Draw a tally for each turn.
- Play again. Can you find all the pairs in fewer goes?



Challenge!

If you played pairs to 100, invent your own game by making 12 pairs of cards with pairs to 100.



Set A

0

10

20

30

40

50

50

60

Set A continued

70

80

90

100

Set B

0

5

10

15

20

25

30

35

40

45

50

50

Set B continued

55	60	65	70	75
80	85	90	95	100

Set C

91

9

98

2

63

37

76

24

51

49

67

33

Set C continued

88

12

72

28

85

15

99

1

94

6

84

16