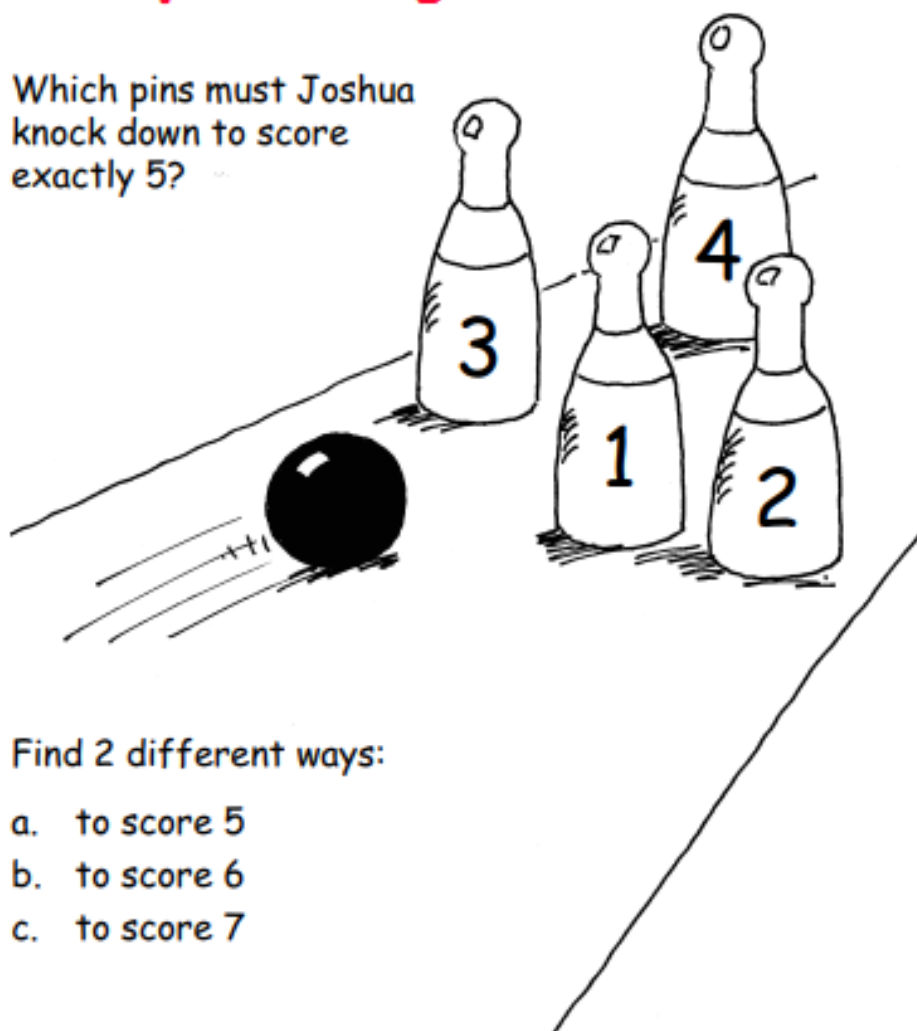


Four-pin bowling

Which pins must Joshua knock down to score exactly 5?



Find 2 different ways:

- to score 5
- to score 6
- to score 7

1

Teaching objectives

Solve mathematical problems or puzzles.
Know addition and subtraction facts up to 10.

Pick a pair

Choose from these numbers.



- Pick a pair of numbers.
Add them together.
Write the numbers and the answer.

Pick a different pair of numbers.
Write the numbers and the answer.

Keep doing it.
How many different answers can you get?

- Now take one number from the other.
How many different answers can you get now?

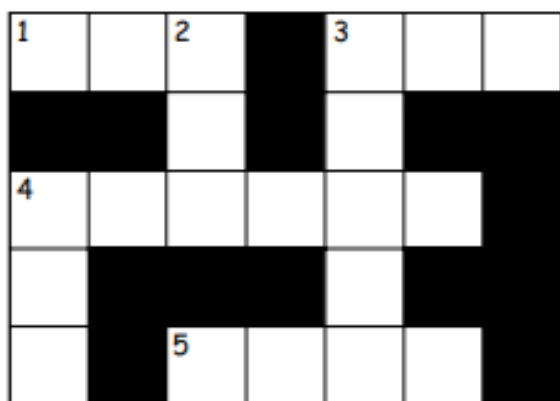
3

Teaching objectives

Solve mathematical problems or puzzles.
Know addition and subtraction facts up to 10.

Crossword

Write the answers to this puzzle in words:
ONE, TWO, THREE, ...



Across

1. $7 - 5$
3. $2 + 5 - 1$
4. $4 + 4 + 4$
5. $13 - 4$

Down

2. $3 + 4 - 6$
3. $9 - 2$
4. $11 - 4 + 3$

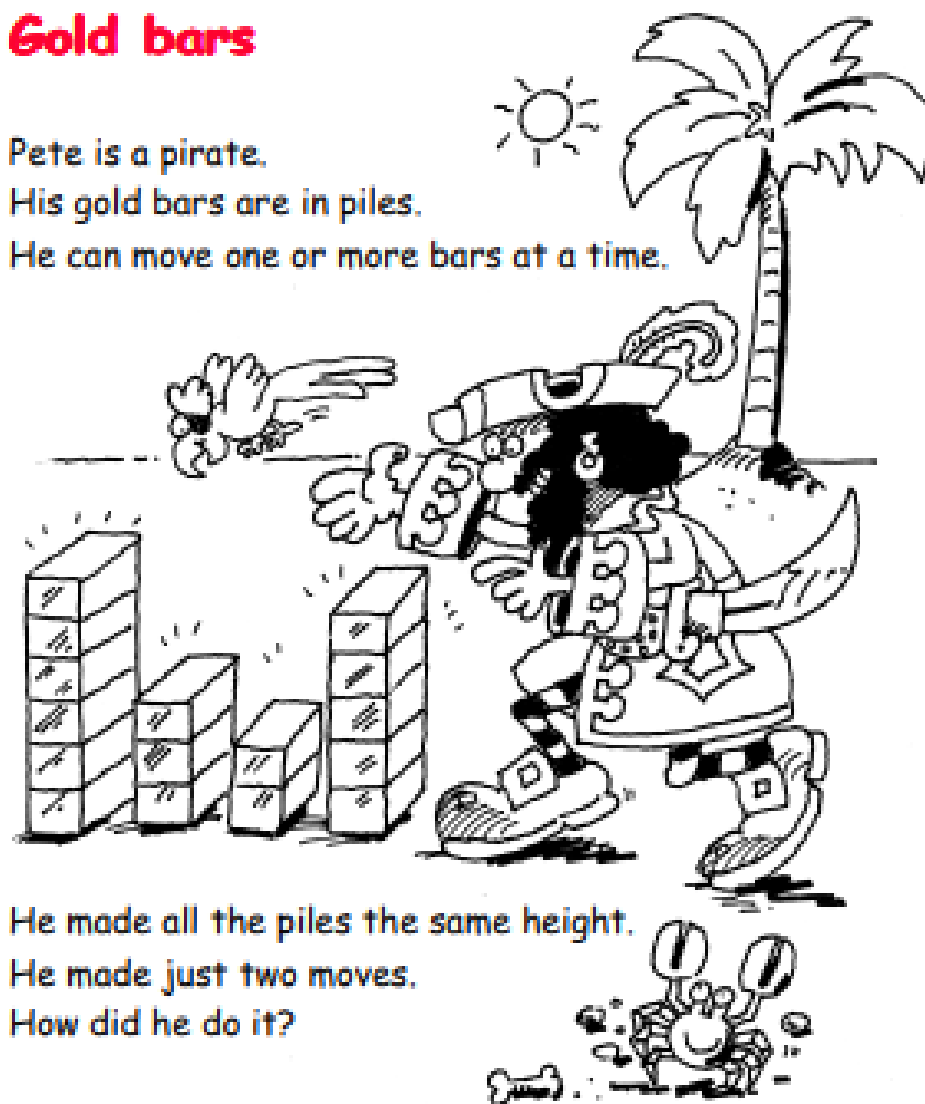
Teaching objectives

Solve mathematical problems or puzzles.
Use known number facts and place value to add and subtract mentally.
Read and write whole numbers.

6

Gold bars

Pete is a pirate.
His gold bars are in piles.
He can move one or more bars at a time.



He made all the piles the same height.
He made just two moves.
How did he do it?

Teaching objectives

Solve mathematical problems or puzzles.
Explain methods and reasoning.

Could you use Lego blocks to help you?

7

Birds' eggs

You may need 19 counters.



Three birds laid some eggs.
Each bird laid an odd number of eggs.
Altogether they laid 19 eggs.

How many eggs did each bird lay?
Find different ways to do it.

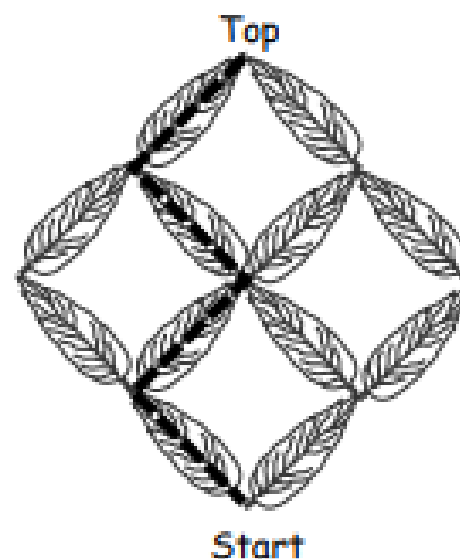
Teaching objectives

Solve mathematical problems or puzzles.
Recognise odd and even numbers.
Add three small numbers mentally.

10

Jack and the beanstalk

Jack climbed the beanstalk.
He always went upwards.



He first did it like this: left, right, left, right.

Find five other ways that Jack can climb the beanstalk.

Teaching objectives

Solve mathematical problems or puzzles.
Recognise turns to the left or to the right.
Give instructions for moving along a route.

15