

Notes: The look-out

9 to 11

Solutions and notes

- 1 Pirate Pete dug up 24 gold coins and 60 rubies.
- 2 He gave 2 gold coins to the look-out and 15 rubies to the mate.

These problems are based on one written 1400 years ago by the great Indian mathematician Brahmagupta.

Extensions

Children could try making up similar puzzles for others to solve.

Or they could try to solve this puzzle.

24 pirates were shipwrecked on an island.

One third of them has some gold coins.

One half of them had some rubies.

One quarter had neither.

How many of them had both some gold coins and some rubies?

Answer: 2

Add unit fractions
Think logically