Fangcheng: eliminate an unknown

PRACTICE WORKSHEET

Name: _____ Date: _____

Show your working in the blank space or on separate paper. Sketch labelled rods/beads when asked to represent a number.

1 Solve 2x + y = 11 and x + y = 7.

2 Solve 2x + y = 17 and x + y = 13.

3 Solve 2x + y = 11 and x + y = 9.

4 Solve 2x + y = 23 and x + y = 14.

5 Solve 2x + y = 21 and x + y = 14.

6 Solve 2x + y = 15 and x + y = 10.

7 Solve 2x + y = 9 and x + y = 6.

8 Solve 2x + y = 7 and x + y = 6.

9 Solve 2x + y = 11 and x + y = 7.

10 Solve 2x + y = 5 and x + y = 3.

11 Solve 2x + y = 21 and x + y = 12.

12 Solve 2x + y = 15 and x + y = 8.

Practise interactively and explore the method:

https://goofergames.com/math/world/fangcheng

Free for educational use: teachers may print and share the worksheets with their students.