Fangcheng: eliminate an unknown

ANSWER KEY

12 exercises | A4 | 2 / 2

Use after completing the practice page. Values are generated by the page's shared engine.

Equivalent exact representations are valid where the prompt allows them. Non-integer results are rounded to two decimals.

1 **Answer: 4**

x after subtracting the second row: 4; y after substitution: 3

2 **Answer: 4**

x after subtracting the second row: 4; y after substitution: 9

3 **Answer: 2**

x after subtracting the second row: 2; y after substitution: 7

4 **Answer: 9**

x after subtracting the second row: 9; y after substitution: 5

5 **Answer: 7**

x after subtracting the second row: 7; y after substitution: 7

6 **Answer: 5**

x after subtracting the second row: 5; y after substitution: 5

7 **Answer: 3**

x after subtracting the second row: 3; y after substitution: 3

8 **Answer: 1**

x after subtracting the second row: 1; y after substitution: 5

9 **Answer: 4**

x after subtracting the second row: 4; y after substitution: 3

10 **Answer: 2**

x after subtracting the second row: 2; y after substitution: 1

11 **Answer: 9**

x after subtracting the second row: 9; y after substitution: 3

12 **Answer: 7**

x after subtracting the second row: 7; y after substitution: 1

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.