Visual rod arithmetic

PRACTICE WORKSHEET

12 exercises | A4 | 1 / 2

Name: _____ Date: _____

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

1 Start at 47. Add 38.

2 Start at 43. Add 22.

3 Start at 68. Add 35.

4 Start at 13. Add 48.

5 Start at 448. Add 44.

6 Start at 353. Add 18.

7 Start at 258. Add 31.

8 Start at 163. Add 27.

9 Start at 172. Add 40.

10 Start at 677. Add 14.

11 Start at 582. Add 49.

12 Start at 487. Add 23.

Practise interactively and explore the method:

https://goofergames.com/math/world/rod-arithmetic

Visual rod arithmetic

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: 85**
Add 8 more: 85.

2 **Answer: 65**
Add 2 more: 65.

3 **Answer: 103**
Add 5 more: 103.

4 **Answer: 61**
Add 8 more: 61.

5 **Answer: 492**
Add 4 more: 492.

6 **Answer: 371**
Add 8 more: 371.

7 **Answer: 289**
Add 1 more: 289.

8 **Answer: 190**
Add 7 more: 190.

9 **Answer: 212**
Add 0 more: 212.

10 **Answer: 691**
Add 4 more: 691.

11 **Answer: 631**
Add 9 more: 631.

12 **Answer: 510**
Add 3 more: 510.

Practise interactively and explore the method:
https://goofergames.com/math/world/rod-arithmetic