What makes an algorithm?

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 Start with 12. Multiply by 5, then add 1.

2 Start with 9. Multiply by 2, then add 9.

3 Start with 6. Multiply by 3, then add 8.

4 Start with 3. Multiply by 4, then add 7.

5 Start with 11. Multiply by 5, then add 2.

6 Start with 8. Multiply by 2, then add 1.

7 Start with 5. Multiply by 3, then add 9.

8 Start with 2. Multiply by 4, then add 8.

9 Start with 6. Multiply by 5, then add 7.

10 Start with 3. Multiply by 2, then add 6.

11 Start with 11. Multiply by 3, then add 5.

12 Start with 8. Multiply by 4, then add 4.

Practise interactively and explore the method:

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

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