Draw a Hawaiian Lei: Strand Construction and Flower Layering

Original tasks 1, 2 / independent work

Task 1

A lei has four flowers on a straight strand. Centers are at 3 cm, 6 cm, 9 cm, and 12 cm from the left end. Using the convention that each flower overlaps the one to its left, which flower sits in front: the one at 6 cm or the one at 9 cm?

Task 2

A student marks five centers on a 20 cm arc at 2 cm, 6 cm, 10 cm, 14 cm, and 18 cm. Are the gaps equal? State the gap sizes and say whether the spacing passes the equal-gap check.

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Original tasks 3, 4 / independent work

Task 3

A drawing shows a strand with six flowers, but the third flower's center is completely covered by petals. Using the construction rules, name the problem and describe one fix.

Task 4

A practice lei uses a new five-petal flower shape on a short arc with four centers. The student draws petals for the first flower pointing left and petals for the second flower pointing right. Does this follow the overlap convention if the stated convention is 'each flower overlaps the one to its left'? Explain.