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Reasoning and Problem Solving – Calculate Perimeter – Year 5 Developing



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Reasoning and Problem Solving – Calculate Perimeter – Year 5 Expected



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Reasoning and Problem Solving – Calculate Perimeter – Year 5 Greater Depth

<u>Reasoning and Problem Solving</u> <u>Calculate Perimeter</u>

<u>Developing</u>

1a. 24cm
2a. Various answers, for example:
7m + 3m + 7m + 3m
3a. No; the missing sides are 5m and 8m, so the perimeter is 26m.

Expected

4a. 96cm
5a. Various answers, for example:
12.5m + 17.5m + 12.5m + 17.5m
6a. No; the missing sides are 6.5m and
8.5m, so the perimeter is 60m.

<u>Greater Depth</u>

7a. 246cm
8a. Various answers, for example:
200.25m + 100m + 200.25m + 100m
9a. Yes; the missing side is 4.25m, so the perimeter is 34.75m.

<u>Reasoning and Problem Solving</u> <u>Calculate Perimeter</u>

Developing

- 1b. <mark>40cm</mark>
- 2b. Various answers, for example:
- 8m + 4m + 8m + 4m

3b. Yes; the missing sides are 4cm and

9m, so the perimeter is 26cm.

Expected

4b. 144cm 5b. Various answers, for example: 34.5m + 10.5m + 34.5m + 10.5m 6b. No; the missing side is 3m, so the perimeter is 48.5m.

Greater Depth

7b. <mark>6cm</mark>

8b. Various answers, for example:

141.5m + 100.5m + 141.5m + 100.5m

9b. No; the missing sides are 0.65m and

0.35m, so the perimeter is 4m.



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Reasoning and Problem Solving – Calculate Perimeter ANSWERS