

Varied Fluency Area and Perimeter

Developing

- 1a. False, the correct answer is 47cm^2 .
2a. Area = $12 \times 4 = 48\text{ft}^2$, Perimeter = 32ft .
3a. A. Area = 48cm^2 , Perimeter = 32cm .
B. Area = 63cm^2 , Perimeter = 32cm .
4a. A

Expected

- 5a. False, the correct answer is 98cm^2 .
6a. Area = $15 \times 4 = 60\text{ft}^2$, Perimeter = 38ft .
7a. A. Area = 108cm^2 , Perimeter = 42cm .
B. Area = 72cm^2 , Perimeter = 36cm .
8a. B

Greater Depth

- 9a. False, the correct answer is 31.5cm^2 .
10a. Area = $18 \times 3.5 = 63\text{m}^2$, Perimeter = 43m .
11a. A. Area = 49.5cm^2 , Perimeter = 29cm .
B. Area = 3.6m^2 , Perimeter = 13.2m .
12a. B

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Developing

- 1b. False, the correct answer is 48cm .
2b. Area = $12 \times 8 = 96\text{m}^2$, Perimeter = 40m .
3b. A. Area = 84m^2 , Perimeter = 38m .
B. Area = 144m^2 , Perimeter = 48m .
4b. B

Expected

- 5b. False, the correct answer is 50cm .
6b. Area = $23 \times 9 = 207\text{m}^2$, Perimeter = 64m .
7b. A. Area = 63cm^2 , Perimeter = 32cm .
B. Area = 104cm^2 , Perimeter = 42cm .
8b. A

Greater Depth

- 9b. False, the correct answer is 6.8m .
10b. Area = $19 \times 5.5 = 104.5\text{m}^2$, Perimeter = 49m .
11b. A. Area = 169cm^2 , Perimeter = 52cm .
B. Area = 51m^2 , Perimeter = 29m .
12b. B