

Shapes Same Area

1. 13 cm^2
2. Area = 18 cm^2
3. 1 and 24; 2 and 12; 3 and 8; 4 and 6
4. Aileen is correct. Shape A has a length of 5cm, which is odd, but its area is 28cm^2 , which is even. Shape B has a length of 1cm, which is odd, but its area is 16cm^2 , which is even. Although Aileen is correct, this is not the case of all compound shapes.
5. A and B
6. Leo is correct. He could make a compound shape that, when split, could have a length and width of $6\text{cm} \times 4\text{cm}$, and $2\text{cm} \times 2\text{cm}$.

