

Pupil help sheet for numeracy task

This sheet can help steer you through the steps you need to follow to calculate the cost of painting the artwork on The Duke of Lancaster.

Steps:

1. Convert the imperial measurements to metric. You know that 11 fluid ounces covers 10-12 square feet but you need to know how many millilitres cover a square metre.
2. Work out the cost of buying 10 cans of spray paint.
3. Work out how much paint you have in ten cans and then (using your conversion from step one) how much of the area this will cover.
4. Work out the area needed to cover the largest art work on the ship.
5. Work out how many cans of paint you would need and how much this would cost.