

YEAR 11 MINI-ASSESSMENT 1
FOUNDATION – NUMBER

1. Bright green paint is made by mixing white and green paint in the ratio 4:7. How much white paint is needed for 77 litres of bright green paint? **[2 marks]**

2. Frank is booking theatre tickets. Cheaptickets and Easybook are two websites he can book with. Each website adds a booking fee and a credit card charge to the ticket price. The details for each company are:

CHEAPTICKETS

Credit Card Charge: 2.25% of the ticket price

Booking Fee: 80p

EASYBOOK

Credit Card Charge: 1.5% of the ticket price

Booking Fee: £1.50

Frank wants to book two tickets each costing £30 and he will pay by credit card. Which website should he book through? You must explain your reasoning clearly. **[5 marks]**

3. Work out $2\frac{1}{3} \times 4\frac{2}{5}$. Give your answer as a mixed number. **[3 marks]**