

## Conversion between moles and grams

### Moles and grams questions - answers

1)  $0.0251 \text{ mol} = 1.64 \text{ g}$  for  $A_r = 65.4$

2)  $1.45 \text{ g} = 0.0137 \text{ mol}$  for  $M_r = 106$

3)  $5.6 \text{ mg} = 0.207 \text{ mmol}$  for  $A_r = 27.0$

4)  $0.36 \text{ mmol} = 90 \text{ mg}$  for  $M_r = 250$

5)  $200 \mu\text{g cm}^{-3} = 5.19 \times 10^{-6} \text{ mol cm}^{-3}$  for  $M_r = 38.5$