

Answers Mole Calculations



Answers to Mole Calculations Revision Exercises:

The answers below were calculated using a calculator. Rounding was carried out on the answer only. You can obtain slightly different answers if you round values during the calculation.

	-Question1-	-Question2-	-Question3-	-Question4-	-Question5-
a)	56g	53.4g	117g	0.019 moles	0.034 moles
b)	74.5g	31.4g	510g	0.053 moles	0.018 moles
c)	103g	53.1g	2437.5g	0.266 moles	0.256 moles
d)	42.5g	282g	134.4g	1.875×10^{-3} moles	0.074 moles
e)	460g	2080g	430.3g	0.021 moles	0.039 moles
f)	715g	48.2g	252g	0.057 moles	0.228 moles
g)	127g	4404g	96g	0.031 moles	0.150 moles
h)	143g	287g	68.4g	0.0016 moles	0.0058 moles
i)	72g	12.5g	281.3g	0.019 moles	0.080 moles
j)	143.5g	127.2g	432g		0.330 moles
k)	62g	225g	246g		0.009 moles
l)	111g	573.6	2304g		0.250 moles
m)	391.5g		1082.4g		0.021 moles
n)	79.5g		281.3g		0.080 moles
o)	42g		1404g		0.412 moles