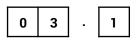


The name of metal X is Zinc [1]



Swimming pools are treated in order to killed microbes. One type of treatment is adding calcium hypochlorite tablets to the water.

Calcium hypochlorite formula is CaCl₂O₂



Calculate the relative formula mass (M_r) of calcium hypochlorite.

[2 marks]

Relative atomic masses: 0 = 16; Cl = 35.5; Ca = 40.

40 + (35.5 x 2) + (16 x 2) [1]

Relative formula mass (*M*_r) of calcium hypochlorite = 143 [2]

(Total 7 marks)

End