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| **Converting Units of Area and Volume** | | |
| **(a)** | **(b)** | **(c)** |
| Which is the greater area?  or | A rectangle measures by . Find the area of the rectangle:  (i) in  (ii) in | Which is the greater volume?  or |
| **(d)** | **(e)** | **(f)** |
| A fish tank has dimensions by by . It is filled with water. How many litres of water does it contain? | A cube has side length . Find the volume of the cube:  (i) in  (ii) in | A kitchen floor has an area of . Charles wants to varnish the floor. It costs for a tin of varnish which covers of floor. How much will it cost to varnish the floor? |
| **(g)** | **(h)** | **(i)** |
| Coco has of orange juice. She wants to fill as many glasses as possible with juice. Each glass holds . How many glasses can Coco completely fill? | A standard bin holds litres of rubbish. A refuse lorry can hold of waste. How many full bins could be emptied into the lorry before it is full? | Which has the greatest volume?  A cuboid with a capacity of litres, a prism with a cross section of and length of , or a cube with side length . |