**Scale Drawings GREEN**

Jake’s garage is 300cm wide and 800cm long. What would be the dimensions of the garage on a plan with a scale of:

a) 1cm on plan to 100cm in the garage

Width \_\_\_\_\_\_\_\_ Length \_\_\_\_\_\_\_\_

b) 1cm on plan to 200cm in the garage

Width \_\_\_\_\_\_\_\_ Length \_\_\_\_\_\_\_\_

c) 1cm on plan to 50cm in the garage

Width \_\_\_\_\_\_\_\_ Length \_\_\_\_\_\_\_\_

d) 1cm on plan to 10cm in the garage

Width \_\_\_\_\_\_\_\_ Length \_\_\_\_\_\_\_\_

e) 1cm on plan to 20cm in the garage

Width \_\_\_\_\_\_\_\_ Length \_\_\_\_\_\_

Molly has a plan of her kitchen and wants to fit all of her new units into it using her plan. Use the measurements to draw a kitchen plan where 1cm on the plan is 20cm actual size. Use the plan sheet provided. Draw the units and cut them out to fit on the plan. Take care not to put the tall cupboards in front of the window.

a) Kitchen – 200cm wide and 300cm long

b) 2 cupboards each 60cm wide and 80cm long

c) 2 tall units each 60cm wide and 60cm long

d) Sink of 60cm wide and 80cm long

e) Washing machine of 60cm wide and 60cm long

f) Cooker of 60cm wide and 60cm long

g) Fridge of 60cm wide and 60cm long

**Scale Drawings AMBER**

Jake’s garage is **300cm wide** and **800cm long**. What would be the dimensions of the garage on a plan with a scale of:

a) 1cm on plan to 100cm in the garage

300cm ÷ 100cm = \_\_\_\_\_

Width \_\_\_\_\_\_\_\_ Length \_\_\_\_\_\_\_\_

b) 1cm on plan to 200cm in the garage

Width \_\_\_\_\_\_\_\_ Length \_\_\_\_\_\_\_\_

c) 1cm on plan to 50cm in the garage

Width \_\_\_\_\_\_\_\_ Length \_\_\_\_\_\_\_\_

d) 1cm on plan to 10cm in the garage

Width \_\_\_\_\_\_\_\_ Length \_\_\_\_\_\_\_\_

e) 1cm on plan to 20cm in the garage

Width \_\_\_\_\_\_\_\_ Length \_\_\_\_\_\_

Molly has a plan of her kitchen and wants to fit all her new units into it using her plan. Use the measurements to draw a kitchen plan where **1cm on the plan is 20cm actual size**. Use the plan sheet provided. Draw the units and **cut them out** to fit on the plan. Take care not to put the tall cupboards in front of the window.

200cm ÷ 20cm = \_\_\_\_\_

(This will give you the width of the plan)

a) Kitchen – 200cm wide and 300cm long

b) 2 cupboards each 60cm wide and 80cm long

c) 2 tall units each 60cm wide and 60cm long

d) Sink of 60cm wide and 80cm long

e) Washing machine of 60cm wide and 60cm long

f) Cooker of 60cm wide and 60cm long

g) Fridge of 60cm wide and 60cm long

**Scale Drawings RED**

Jake’s garage is **300cm wide** and **800cm long**. What would be the dimensions of the garage on a plan with a scale of:

a) 1cm on plan to 100cm in the garage

300cm ÷ 100cm = \_\_\_\_\_

800cm ÷ 100cm = \_\_\_\_\_

Width \_\_\_\_\_\_\_\_ Length \_\_\_\_\_\_\_\_

b) 1cm on plan to 200cm in the garage

Width \_\_\_\_\_\_\_\_ Length \_\_\_\_\_\_\_\_

c) 1cm on plan to 50cm in the garage

Width \_\_\_\_\_\_\_\_ Length \_\_\_\_\_\_\_\_

d) 1cm on plan to 10cm in the garage

Width \_\_\_\_\_\_\_\_ Length \_\_\_\_\_\_\_\_

e) 1cm on plan to 20cm in the garage

Width \_\_\_\_\_\_\_\_ Length \_\_\_\_\_\_

Molly has a plan of her kitchen and wants to fit all her new units into it using her plan. Use the measurements to draw a kitchen plan where **1cm on the plan is 20cm actual size**. Use the plan sheet provided. Draw the units and **cut them out** to fit on the plan. Take care not to put the tall cupboards in front of the window.

200cm ÷ 20cm = \_\_\_\_\_

(This will give you the width of the plan)

Divide the other measurements by 20cm to find the dimensions on the plan of the kitchen.

a) Kitchen – 200cm wide and 300cm long

b) 2 cupboards each 60cm wide and 80cm long

c) 2 tall units each 60cm wide and 60cm long

d) Sink of 60cm wide and 80cm long

e) Washing machine of 60cm wide and 60cm long

f) Cooker of 60cm wide and 60cm long

g) Fridge of 60cm wide and 60cm long