**Friday problems**

*Solve multiplication problems, including scaling and correspondence problems.*

1) Tom’s dad is making Tom a tree house. Firstly, he makes a model of the tree house which is **50** **cm** high. When the tree house is made, it is **eight** times as high as the model. How high is the real tree house?

2) Coco The Clown has **14** different red noses and **4** different wigs. How many different clown outfits can he wear?

3) Grumpy the Giant is **14** **metres** tall. Jack is **ten** times smaller than Grumpy. How tall is Jack?

4) Megan made a huge ice cube that weighed **720** **grams**. In the3 hours after it was taken out of the freezer, it shrank by **8** times its original size. How heavy was the ice cube after 3 hours?

5) Mr Potato Head has **13** different noses and **8** different mouths. How many different Mr Potato Heads can be made?