



Problem of the Week

Problem B

It's All Relative

Jacob has a picture on his wall of an enderman Minecraft™ character and another of the Loch Ness Monster. The dimensions of each are shown below. He wants to make a smaller scale drawing of each of them.

Jacob uses a scale of 1 : 6 to draw his enderman. He uses a different scale to draw the Loch Ness Monster so that it is twice as tall as his drawing of the enderman.

- How tall is Jacob's drawing of the enderman?
- What scale did Jacob use to draw the Loch Ness Monster?
- How wide is Jacob's drawing of the Loch Ness Monster?

