

Lesson 25

Intro to Scale Factor

SS4: Draw and interpret scale diagrams of 2-D shapes.

Today we begin our study of scale diagrams. Think of it like this. The smartboard is an ENLARGEMENT of my laptop screen. The PowerPoint handouts I give you are a REDUCTION of my computer screen. The Sussex KOA drive in theatre shows an ENLARGEMENT of the film and the actors. The tv screen is a REDUCTION of the actors in real life. We know that when we copy and paste and stretch pictures, sometimes they look different. We call that a distortion because it is not proportionate to the original. The **scale factors** of the corresponding sides are not equal.

1. Open your notebooks to a clean page and number it page 66.
2. Make your own graph paper if you do not have any. (Draw vertical lines on your loose-leaf- creative problem solving 😊).
3. Watch actively the video.

<https://www.youtube.com/watch?v=s2clB7FqZJE&feature=youtu.be>

Remember, if you ever have any questions, comments or concerns, we are only an email away.

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