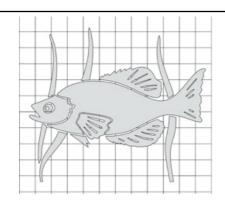
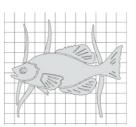
Chapter 7: Similarity and Transformations

Mar 26-10:37 AM







Scale Diagrams:

A diagram that is an enlargement or reduction of another diagram.

The measurements in each diagram are compared.



Scale Factor = <u>Length of Scale Diagram</u> Length of Original Diagram



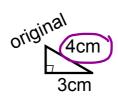
The scale factor can be written as a fraction or decimal.

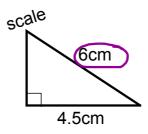
If the scale factor is less than one, the diagram is a reduction, larger than one indicates the diagram is an enlargement.

Mar 11-7:53 PM

When pairs of corresponding lengths have the same scale factor, we say that the

corresponding lengths are proportional.







Hypotenuse

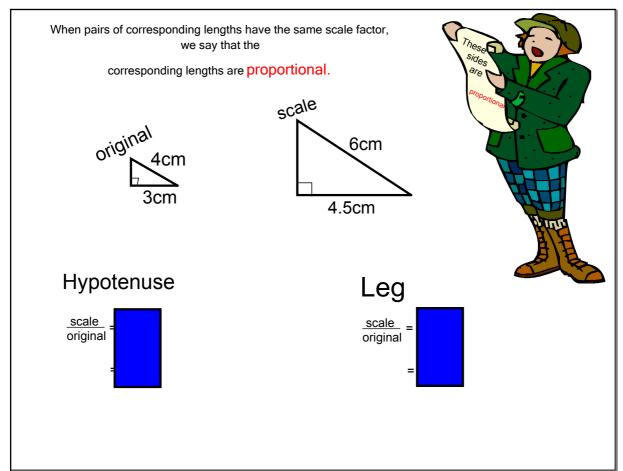
$$\frac{\text{scale}}{\text{original}} = \frac{6}{4}$$

=1.5

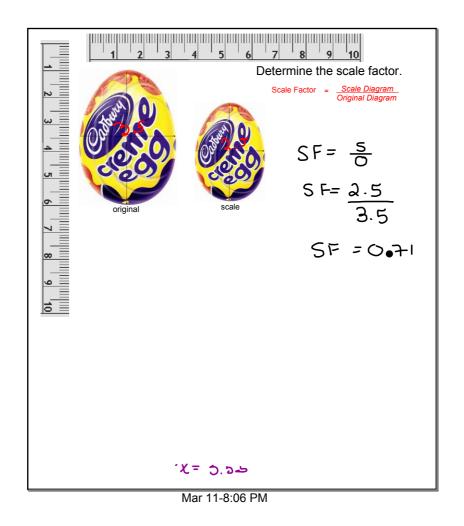
$$\frac{\text{scale}}{\text{original}} = \frac{4.5}{3}$$

= 1.5

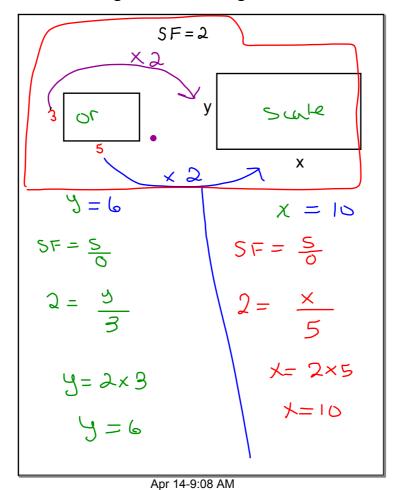
Day 1_Section 7.1 and 7.2 Scale diagrams and enlargements & reductions.no#aphroio/k0, 2017

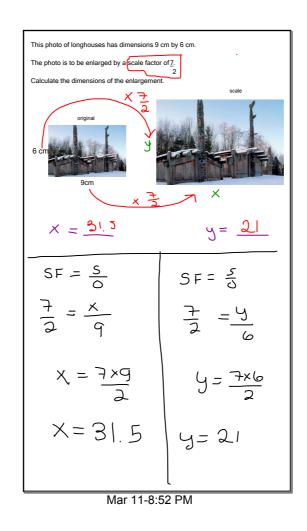


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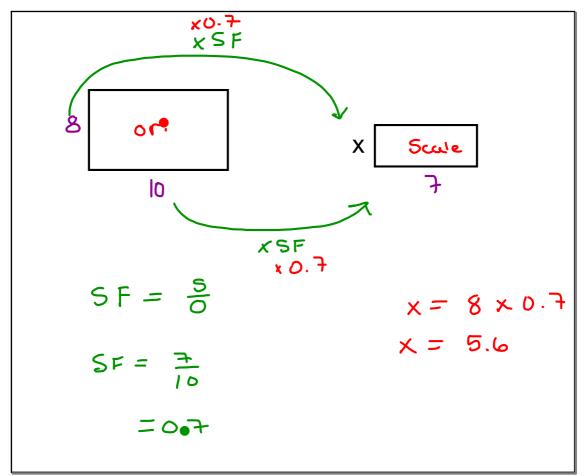


Day 1_Section 7.1 and 7.2 Scale diagrams and enlargements & reductions.no #aphroio/k0, 2017

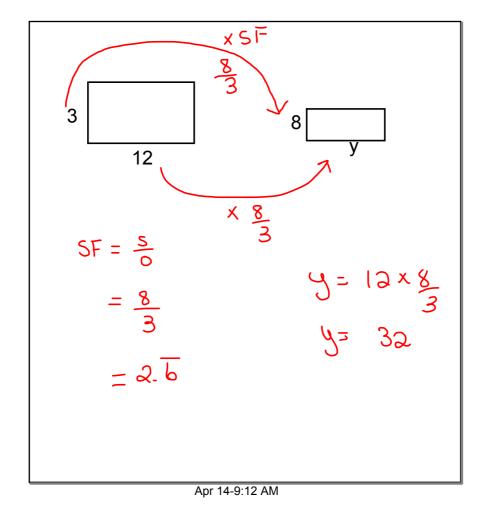




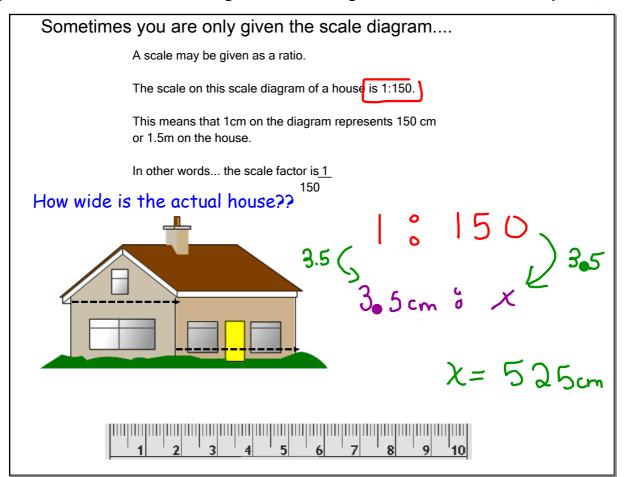
Day 1_Section 7.1 and 7.2 Scale diagrams and enlargements & reductions.no #ephroio/10, 2017



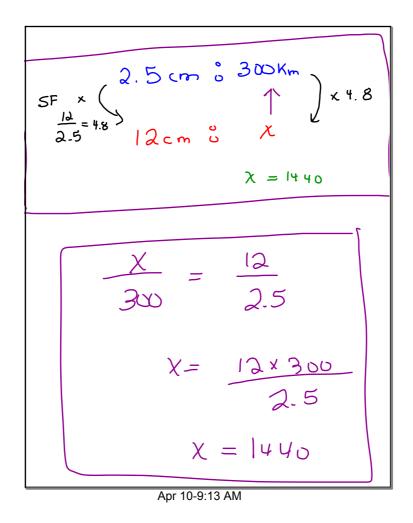
Apr 14-9:12 AM



Day 1_Section 7.1 and 7.2 Scale diagrams and enlargements & reductions.notation and 2017



Mar 11-9:07 PM



Day 1_Section 7.1 and 7.2 Scale diagrams and enlargements & reductions.no #ephroio/10, 2017

