- 1. Solve.  $\frac{x+6}{3} = \frac{4}{x-5}$

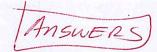
- 2. A scale drawing of a house uses the following scale: 1.5in= 4 ft
  - a) A room is actually 10 ft x 15 ft. Find the dimensions of the room in the drawing.

b) The house is 25 inches long in the drawing find the actual length of the house.

- 3. A scale drawing of an insect has the following scale: 9:2
  - a) The insect is actually 3 cm long find the length of the insect in the drawing.

b) The antennae in the drawing are 4cm long. How long are the antennae on the real insect?

Bellwork Geometry Friday, February 28, 2020

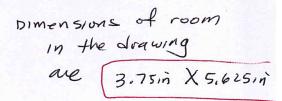


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$$\frac{x}{x}$$

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$$X = -7.6$$

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