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## Problem

The two triangles shown are similar. Find the value of $\mathrm{d} / \mathrm{c}$.

| Monday | The two triangles shown are similar. Find the value of $\mathrm{d} / \mathrm{c}$. |
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| Tuesday | Which of the following could not be a scaled copy of rectangle $A$ with measures 8 in by 12 in? <br> A. 16 in by 24 in <br> B. 4 in by 6 in <br> C. 36 in by 48 in <br> D. 24 in by 36 in <br> E. 6 in by 9 in |
| Wednesday | Rectangle FAGE is a dilation of rectangle FBCD. <br> a) What is the scale factor? Explain or show your reasoning. <br> b) Which vertex is the center of dilation? Explain or show your reasoning. |

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Thursday | What is the slope of the following line? |
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| E. Dilations do not change the size of a pre-image. |
| E. A dilated image has different angle measurements than the pre-image. |
| B. Dilations make image has the same angle measurements as the pre-image. |
| E. all the true statements. |

