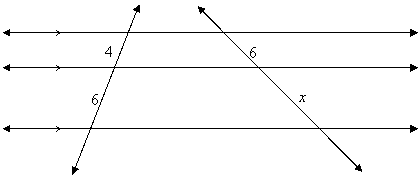
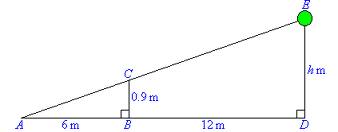
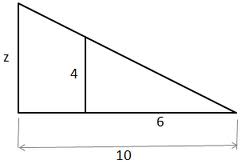
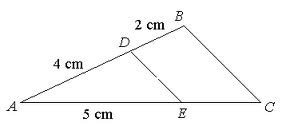
1. **Find x**



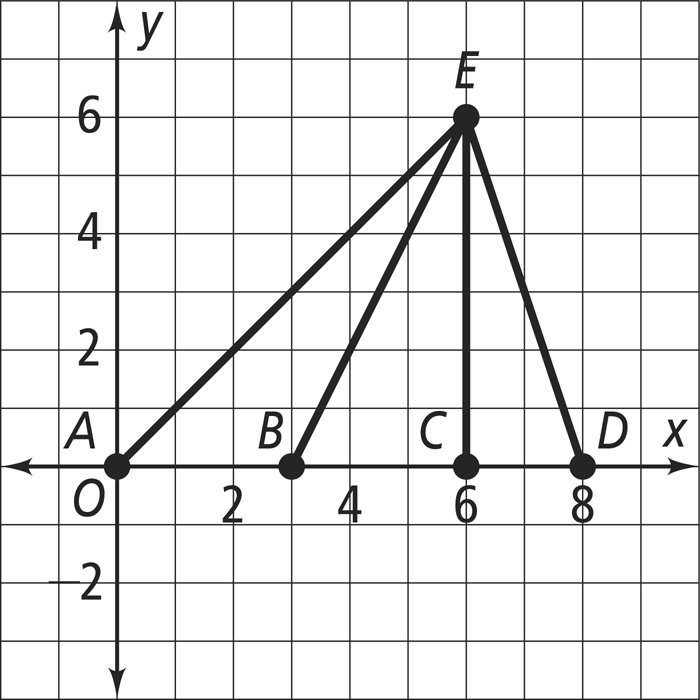
1. [](http://www.google.com/imgres?sa=X&biw=1270&bih=574&tbm=isch&tbnid=5igairYZMex6VM%3A&imgrefurl=http%3A%2F%2Fwww.mathsteacher.com.au%2Fyear9%2Fch13_geometry%2F08_similar%2Fsimilar.htm&docid=CWxmnSadRe8NgM&imgurl=http%3A%2F%2Fwww.mathsteacher.com.au%2Fyear9%2Fch13_geometry%2F08_similar%2FImage3036.gif&w=423&h=166&ei=KrPmUqvJHNSskAeW5oCIBA&zoom=1&iact=rc&dur=514&page=5&start=47&ndsp=13&ved=0CO4BEK0DMC8)**Find h**
2. [](http://www.google.com/imgres?sa=X&biw=1270&bih=574&tbm=isch&tbnid=g8zdj3Wy3QD38M%3A&imgrefurl=http%3A%2F%2Fwww.helpingwithmath.com%2Fprintables%2Fworksheets%2Fgeometry%2F8g4similar_triangles01.htm&docid=sqzRakP5qGCJXM&imgurl=http%3A%2F%2Fwww.helpingwithmath.com%2Fprintables%2Fworksheets%2Fgeometry%2Fsimilar-triangles04.gif&w=307&h=205&ei=KrPmUqvJHNSskAeW5oCIBA&zoom=1&iact=rc&dur=1046&page=3&start=22&ndsp=12&ved=0CMEBEK0DMCA)**Find z**
3. [](http://www.google.com/imgres?sa=X&biw=1270&bih=574&tbm=isch&tbnid=0vGmYXwfbslnRM%3A&imgrefurl=http%3A%2F%2Fajwilson.co.uk%2Fteaching%2FAF0%2Flecture_notes%2FSection1_AJW-09.html&docid=fADKoITkdhFFVM&imgurl=http%3A%2F%2Fajwilson.co.uk%2Fteaching%2FAF0%2Flecture_notes%2FImages%2FsimilarTriangles4.GIF&w=368&h=173&ei=KrPmUqvJHNSskAeW5oCIBA&zoom=1&iact=rc&dur=467&page=6&start=60&ndsp=13&ved=0CJ4CEK0DMD8)**Find EC**

**Review: Solve each proportion.**

**5. 6. **

**7. **

**8. **

 **Use the graph. Write each ratio in simplest form.**

**9.** ; simplified to **.**

**10.  11.** slope of 

**12**. The ratio of the width to the height of a window is 2 : 7. The width of the window is 3 ft. Write and solve a proportion to find the height.

**13.** The sides of a triangle are in the extended ratio of 3 : 4 : 10. If the length of the shortest side is 9 in., what is the perimeter of the triangle?

**14.** You are helping to hang balloons in the gym for a school dance. There are a total of 175 balloons. Some of the balloons are gold and the rest are silver. If the ratio of gold to silver is 3 : 2, how many gold balloons are there?