

Download Similar Triangles Worksheet Pdf

Similar Triangle Worksheet. 1. State whether or not the following triangles are similar and support your answer. 2. (i) Determine if the triangles below are similar, and explain how you know. (ii) Find the lengths of the missing sides. All measures are centimeters unless otherwise stated. Answers to Similar Triangles (ID: 2) 1) not similar 2) similar; AA similarity; ?RGF 3) not similar 4) not similar 5) similar; SAS similarity; ?JFG 6) similar; SAS similarity; ?VEF 7) not similar 8) not similar 9) 36 10) 77 11) 39 12) 154 13) 32 14) 24 15) 42 16) 40 17) 12 18) 9 19) 5 20) 13 21) 12 22) 11 I 1 iM ya vd Gek lw6i BtBh u bIynDf DiAnbi Ytoew PGveUoKmke ytPrvyu.t Worksheet by Kuta Software LLC Kuta Software - Infinite Geometry Name_____ Similar Triangles Date_____ Period_____ State if the triangles in each pair are similar. If so, state how you know they are similar and complete the Chapter 12.pdf - File 494 Ratio. Proportion. and Similarity EXAMPLE 3 Proof Exercises Given: and are two sides of $\triangle ABC$ with $AD = DE = EC$ and $AD = x$ and $\triangle ABC \sim \triangle ADFC$ We are given $AD = DE = EC$. Then $AC = AD + DE + EC$ By the substitution postulate, $AC = AD + AD + AD = 3AD$ and $DC = DE + EC = AD + AD = MD$., Similar Triangles Worksheet Pdf.

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