**Basic Similar Triangles**

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| Name : | Class : | Date : |

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| Mark : | /10 | % |

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| **1)** Find the missing length,  , in triangle ABC below        http://www.mathster.com/course/simgs/96909480360_1.pnghttp://www.mathster.com/course/simgs/96909480360_2.png | [1] |
| **2)** Find the missing length,  , in triangle ABC below        http://www.mathster.com/course/simgs/96909480360_3.pnghttp://www.mathster.com/course/simgs/96909480360_4.png | [1] |
| **3)** Find the missing length,  , in triangle ABC below        http://www.mathster.com/course/simgs/96909480360_5.pnghttp://www.mathster.com/course/simgs/96909480360_6.png | [1] |
| **4)** Find the missing length,  , in triangle DEF below.        http://www.mathster.com/course/simgs/96909480360_7.pnghttp://www.mathster.com/course/simgs/96909480360_8.png | [1] |
| **5)** Find the missing length,  , in triangle DEF below.        http://www.mathster.com/course/simgs/96909480360_9.pnghttp://www.mathster.com/course/simgs/96909480360_10.png | [1] |
| **6)** Find the missing length,  , in triangle DEF below.        http://www.mathster.com/course/simgs/96909480360_11.pnghttp://www.mathster.com/course/simgs/96909480360_12.png | [1] |
| **7)** Triangle ABC is similar to triangle DEF. Find the length of the sides   and  .        http://www.mathster.com/course/simgs/96909480360_13.pnghttp://www.mathster.com/course/simgs/96909480360_14.png | [1] |
| **8)** Triangle ABC is similar to triangle DEF. Find the length of the sides   and  .        http://www.mathster.com/course/simgs/96909480360_15.pnghttp://www.mathster.com/course/simgs/96909480360_16.png | [1] |
| **9)** Triangle ABC is similar to triangle DEF. Find the length of the sides   and  .        http://www.mathster.com/course/simgs/96909480360_17.pnghttp://www.mathster.com/course/simgs/96909480360_18.png | [1] |
| **10)** Triangle ABC is similar to triangle DEF. Find the unknown sides and angles.        http://www.mathster.com/course/simgs/96909480360_19.pnghttp://www.mathster.com/course/simgs/96909480360_20.png | [1] |

**Solutions for the assessment Basic Similar Triangles**

|  |  |
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| **1)**   = 8 cm | **2)**   = 5 cm |
| **3)**   = 10 cm | **4)**   = 60 cm |
| **5)**   = 30 cm | **6)**   = 15 cm |
| **7)**   = 10 cm,   = 60 cm | **8)**   = 6 cm,   = 24 cm |
| **9)**   = 8 cm,   = 4 cm | **10)**   = 14 cm,   = 30 °,   = 47 °,   = 27 cm |