



Math worksheet on 'Pythagorean Triple Pairs - Solve Hypotenuse (Level 1)'. Part of a broader unit on 'Pythagoras - Practice'

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**1** Find the length of the missing side given that these are similar triangles

<b>a</b>	<b>b</b>	<b>c</b>
18	6	22
<b>d</b>	<b>e</b>	<b>f</b>
32	20	12

(not to scale)

**2** Find the length of the missing side given that these are similar triangles

<b>a</b>	<b>b</b>	<b>c</b>
13	5	25
<b>d</b>	<b>e</b>	<b>f</b>
43	41	33

(not to scale)

**3** Find the length of the missing side given that these are similar triangles

<b>a</b>	<b>b</b>	<b>c</b>
23	39	25
<b>d</b>	<b>e</b>	<b>f</b>
19	33	43

(not to scale)

**4** Find the length of the missing side given that these are similar triangles

<b>a</b>	<b>b</b>	<b>c</b>
20	4	22
<b>d</b>	<b>e</b>	<b>f</b>
8	30	24

(not to scale)

**5** Find the length of the missing side given that these are similar triangles

<b>a</b>	<b>b</b>	<b>c</b>
19	7	18
<b>d</b>	<b>e</b>	<b>f</b>
24	5	15

(not to scale)

**6** Find the length of the missing side given that these are similar triangles

<b>a</b>	<b>b</b>	<b>c</b>
9	11	29
<b>d</b>	<b>e</b>	<b>f</b>
25	21	33

(not to scale)

**7** Find the length of the missing side given that these are similar triangles

<b>a</b>	<b>b</b>	<b>c</b>
25	19	13
<b>d</b>	<b>e</b>	<b>f</b>
21	27	11

(not to scale)