Test for Aho Alfred

Exercise
The diagonal of a rectangle is 212 in and a side of this rectangle is 180 in. What is the length of the other side of the rectangle?

Answer to the test for Aho Alfred

Exercise
Use Pythagorean theorem. We have:

$$\text{diag}^2 = \text{side1}^2 + \text{side2}^2.$$

Here:

$$212^2 = 180^2 + \text{side2}^2$$

and then

$$\text{side2} = \sqrt{212^2 - 180^2} = 112.$$

Test for Babbage Charles

Exercise
The diagonal of a rectangle is 353 in and a side of this rectangle is 225 in. What is the length of the other side of the rectangle?

Answer to the test for Babbage Charles

Exercise
Use Pythagorean theorem. We have:

$$\text{diag}^2 = \text{side1}^2 + \text{side2}^2.$$

Here:

$$353^2 = 225^2 + \text{side2}^2$$

and then

$$\text{side2} = \sqrt{353^2 - 225^2} = 272.$$

Test for Chaitin Gregory

Exercise
Find the length of the diagonal of a rectangle that is 111 in by 680 in.

Answer to the test for Chaitin Gregory

Exercise
Use Pythagorean theorem. We have:

$$\text{diag}^2 = \text{side1}^2 + \text{side2}^2.$$

Here:

$$\text{diag}^2 = 111^2 + 680^2$$

and then

$$\text{diag} = \sqrt{111^2 + 680^2} = 689.$$

Test for Dijkstra Edsger

Exercise
The diagonal of a rectangle is 325 in and a side of this rectangle is 253 in. What is the length of the other side of the rectangle?

Answer to the test for Dijkstra Edsger

Exercise
Use Pythagorean theorem. We have:

$$\text{diag}^2 = \text{side1}^2 + \text{side2}^2.$$

Here:

$$325^2 = 253^2 + \text{side2}^2$$

and then

$$\text{side2} = \sqrt{325^2 - 253^2} = 204.$$

Test for Eckert John Preper

Exercise
Find the length of the diagonal of a rectangle that is 189 in by 340 in.

Answer to the test for Eckert John Preper

Exercise
Use Pythagorean theorem. We have:

$$\text{diag}^2 = \text{side1}^2 + \text{side2}^2.$$

Here:

$$\text{diag}^2 = 189^2 + 340^2$$

and then

$$\text{diag} = \sqrt{189^2 + 340^2} = 389.$$

Test for Floyd Robert

Exercise
Find the length of the diagonal of a rectangle that is 240 in by 238 in.

Answer to the test for Floyd Robert

Exercise
Use Pythagorean theorem. We have:

$$\text{diag}^2 = \text{side1}^2 + \text{side2}^2.$$

Here:

$$\text{diag}^2 = 240^2 + 238^2$$

and then

$$\text{diag} = \sqrt{240^2 + 238^2} = 338.$$

Test for Gödel Kurt

Exercise
The diagonal of a rectangle is 260 in and a side of this rectangle is 132 in. What is the length of the other side of the rectangle?

Answer to the test for Gödel Kurt

Exercise
Use Pythagorean theorem. We have:

$$\text{diag}^2 = \text{side1}^2 + \text{side2}^2.$$

Here:

$$260^2 = 132^2 + \text{side2}^2$$

and then

$$\text{side2} = \sqrt{260^2 - 132^2} = 224.$$

Test for Huffman David

Exercise
Find the length of the diagonal of a rectangle that is 320 in by 462 in.

Answer to the test for Huffman David

Exercise
Use Pythagorean theorem. We have:

$$\text{diag}^2 = \text{side1}^2 + \text{side2}^2.$$

Here:

$$\text{diag}^2 = 320^2 + 462^2$$

and then

$$\text{diag} = \sqrt{320^2 + 462^2} = 562.$$

Test for Ichbiah Jean

Exercise
The diagonal of a rectangle is 569 in and a side of this rectangle is 231 in. What is the length of the other side of the rectangle?

Answer to the test for Ichbiah Jean

Exercise
Use Pythagorean theorem. We have:

$$\text{diag}^2 = \text{side1}^2 + \text{side2}^2.$$

Here:

$$569^2 = 231^2 + \text{side2}^2$$

and then

$$\text{side2} = \sqrt{569^2 - 231^2} = 520.$$

Test for Joshi Aravind

Exercise
Find the length of the diagonal of a rectangle that is 207 in by 224 in.

Answer to the test for Joshi Aravind

Exercise
Use Pythagorean theorem. We have:

$$\text{diag}^2 = \text{side1}^2 + \text{side2}^2.$$

Here:

$$\text{diag}^2 = 207^2 + 224^2$$

and then

$$\text{diag} = \sqrt{207^2 + 224^2} = 305.$$

Test for Knuth Donald

Exercise
Find the length of the diagonal of a rectangle that is 119 in by 120 in.

Answer to the test for Knuth Donald

Exercise
Use Pythagorean theorem. We have:

$$\text{diag}^2 = \text{side1}^2 + \text{side2}^2.$$

Here:

$$\text{diag}^2 = 119^2 + 120^2$$

and then

$$\text{diag} = \sqrt{119^2 + 120^2} = 169.$$

Test for Lovelace Ada

Exercise
The diagonal of a rectangle is 245 in and a side of this rectangle is 147 in. What is the length of the other side of the rectangle?

Answer to the test for Lovelace Ada

Exercise
Use Pythagorean theorem. We have:

$$\text{diag}^2 = \text{side1}^2 + \text{side2}^2.$$

Here:

$$245^2 = 147^2 + \text{side2}^2$$

and then

$$\text{side2} = \sqrt{245^2 - 147^2} = 196.$$

Test for Moore Gordon

Exercise
The diagonal of a rectangle is 505 in and a side of this rectangle is 377 in. What is the length of the other side of the rectangle?

Answer to the test for Moore Gordon

Exercise
Use Pythagorean theorem. We have:

$$\text{diag}^2 = \text{side1}^2 + \text{side2}^2.$$

Here:

$$505^2 = 377^2 + \text{side2}^2$$

and then

$$\text{side2} = \sqrt{505^2 - 377^2} = 336.$$

Test for Neumann (Von) John

Exercise
The diagonal of a rectangle is 305 in and a side of this rectangle is 273 in. What is the length of the other side of the rectangle?

Answer to the test for Neumann (Von) John

Exercise
Use Pythagorean theorem. We have:

$$\text{diag}^2 = \text{side1}^2 + \text{side2}^2.$$

Here:

$$305^2 = 273^2 + \text{side2}^2$$

and then

$$\text{side2} = \sqrt{305^2 - 273^2} = 136.$$

Test for Ouserhout John

Exercise
Find the length of the diagonal of a rectangle that is 240 in by 418 in.

Answer to the test for Ouserhout John

Exercise
Use Pythagorean theorem. We have:

$$\text{diag}^2 = \text{side1}^2 + \text{side2}^2.$$

Here:

$$\text{diag}^2 = 240^2 + 418^2$$

and then

$$\text{diag} = \sqrt{240^2 + 418^2} = 482.$$

Test for Pascal Blaise

Exercise
The diagonal of a rectangle is 425 in and a side of this rectangle is 375 in. What is the length of the other side of the rectangle?

Answer to the test for Pascal Blaise

Exercise
Use Pythagorean theorem. We have:

$$\text{diag}^2 = \text{side1}^2 + \text{side2}^2.$$

Here:

$$425^2 = 375^2 + \text{side2}^2$$

and then

$$\text{side2} = \sqrt{425^2 - 375^2} = 200.$$

Test for Ritchie Dennis

Exercise
Find the length of the diagonal of a rectangle that is 185 in by 672 in.

Answer to the test for Ritchie Dennis

Exercise
Use Pythagorean theorem. We have:

$$\text{diag}^2 = \text{side1}^2 + \text{side2}^2.$$

Here:

$$\text{diag}^2 = 185^2 + 672^2$$

and then

$$\text{diag} = \sqrt{185^2 + 672^2} = 697.$$

Test for Shannon Claude

Exercise
Find the length of the diagonal of a rectangle that is 224 in by 360 in.

Answer to the test for Shannon Claude

Exercise
Use Pythagorean theorem. We have:

$$\text{diag}^2 = \text{side1}^2 + \text{side2}^2.$$

Here:

$$\text{diag}^2 = 224^2 + 360^2$$

and then

$$\text{diag} = \sqrt{224^2 + 360^2} = 424.$$

Test for Thompson Ken

Exercise
The diagonal of a rectangle is 458 in and a side of this rectangle is 120 in. What is the length of the other side of the rectangle?

Answer to the test for Thompson Ken

Exercise
Use Pythagorean theorem. We have:

$$\text{diag}^2 = \text{side1}^2 + \text{side2}^2.$$

Here:

$$458^2 = 120^2 + \text{side2}^2$$

and then

$$\text{side2} = \sqrt{458^2 - 120^2} = 442.$$

Test for Ullman Jeffrey

Exercise
Find the length of the diagonal of a rectangle that is 153 in by 104 in.

Answer to the test for Ullman Jeffrey

Exercise
Use Pythagorean theorem. We have:

$$\text{diag}^2 = \text{side1}^2 + \text{side2}^2.$$

Here:

$$\text{diag}^2 = 153^2 + 104^2$$

and then

$$\text{diag} = \sqrt{153^2 + 104^2} = 185.$$

Test for Vixie Paul

Exercise
Find the length of the diagonal of a rectangle that is 175 in by 600 in.

Answer to the test for Vixie Paul

Exercise
Use Pythagorean theorem. We have:

$$\text{diag}^2 = \text{side1}^2 + \text{side2}^2.$$

Here:

$$\text{diag}^2 = 175^2 + 600^2$$

and then

$$\text{diag} = \sqrt{175^2 + 600^2} = 625.$$

Test for Wall Larry

Exercise
Find the length of the diagonal of a rectangle that is 112 in by 384 in.

Answer to the test for Wall Larry

Exercise
Use Pythagorean theorem. We have:

$$\text{diag}^2 = \text{side1}^2 + \text{side2}^2.$$

Here:

$$\text{diag}^2 = 112^2 + 384^2$$

and then

$$\text{diag} = \sqrt{112^2 + 384^2} = 400.$$

Test for Yao Adrew Chi-Chih

Exercise
Find the length of the diagonal of a rectangle that is 105 in by 608 in.

Answer to the test for Yao Adrew Chi-Chih

Exercise
Use Pythagorean theorem. We have:

$$\text{diag}^2 = \text{side1}^2 + \text{side2}^2.$$

Here:

$$\text{diag}^2 = 105^2 + 608^2$$

and then

$$\text{diag} = \sqrt{105^2 + 608^2} = 617.$$

Test for Zuse Konrad

Exercise
Find the length of the diagonal of a rectangle that is 319 in by 360 in.

Answer to the test for Zuse Konrad

Exercise
Use Pythagorean theorem. We have:

$$\text{diag}^2 = \text{side1}^2 + \text{side2}^2.$$

Here:

$$\text{diag}^2 = 319^2 + 360^2$$

and then

$$\text{diag} = \sqrt{319^2 + 360^2} = 481.$$