

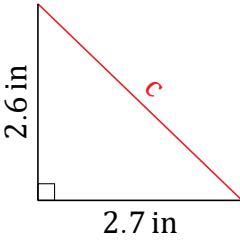
Pythagorean Theorem (G)

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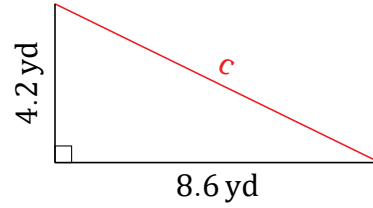
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Calculate the missing side measurement using $a^2 + b^2 = c^2$.

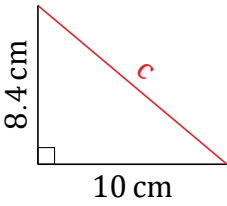
1.



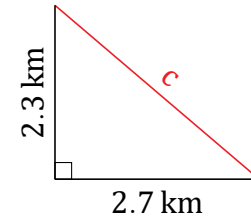
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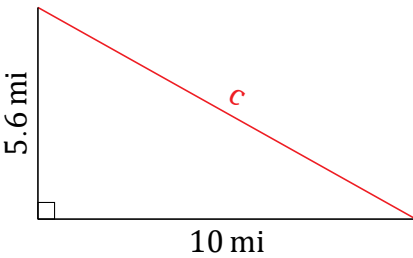
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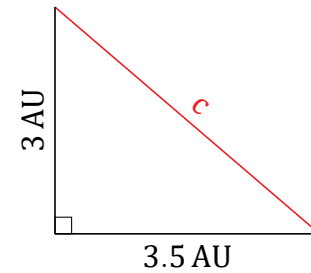
4.



5.



6.

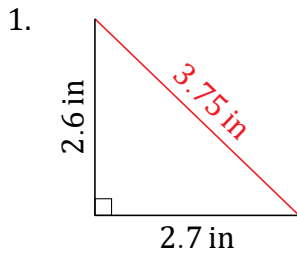


Pythagorean Theorem (G) Answers

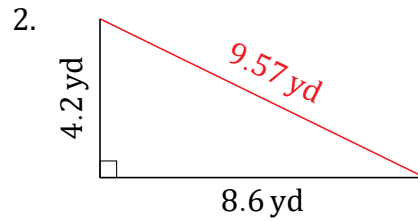
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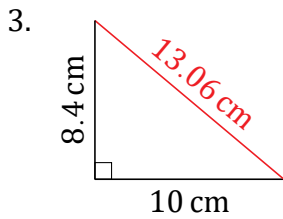
Calculate the missing side measurement using $a^2 + b^2 = c^2$.



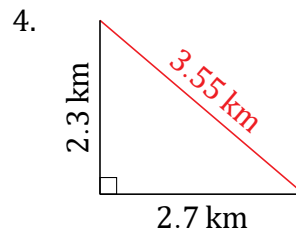
$$2.7^2 + 2.6^2 = c^2$$
$$c = \sqrt{7.29 + 6.76}$$
$$c = 3.75 \text{ in}$$



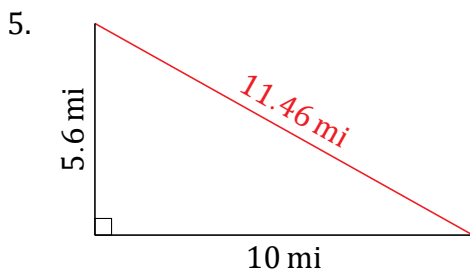
$$8.6^2 + 4.2^2 = c^2$$
$$c = \sqrt{73.96 + 17.64}$$
$$c = 9.57 \text{ yd}$$



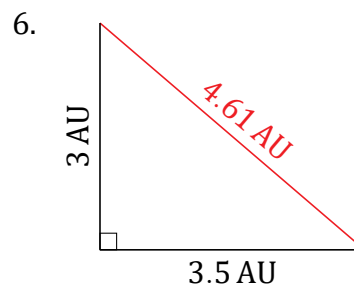
$$10^2 + 8.4^2 = c^2$$
$$c = \sqrt{100 + 70.56}$$
$$c = 13.06 \text{ cm}$$



$$2.7^2 + 2.3^2 = c^2$$
$$c = \sqrt{7.29 + 5.29}$$
$$c = 3.55 \text{ km}$$



$$10^2 + 5.6^2 = c^2$$
$$c = \sqrt{100 + 31.36}$$
$$c = 11.46 \text{ mi}$$



$$3.5^2 + 3^2 = c^2$$
$$c = \sqrt{12.25 + 9}$$
$$c = 4.61 \text{ AU}$$