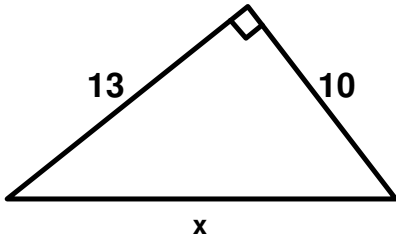


The Pythagorean Theorem

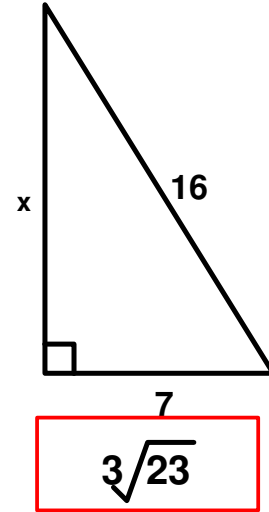
Obtain the value for x using the figures given below:

1.



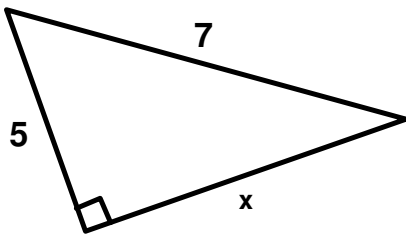
$$\sqrt{269}$$

2.



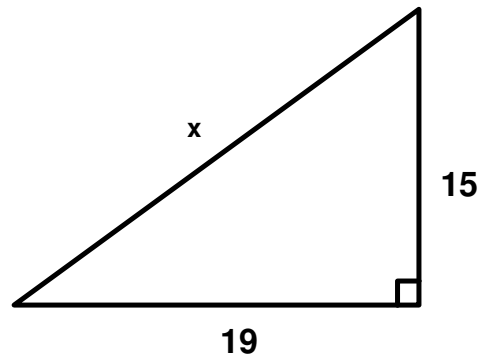
$$3\sqrt{23}$$

3.

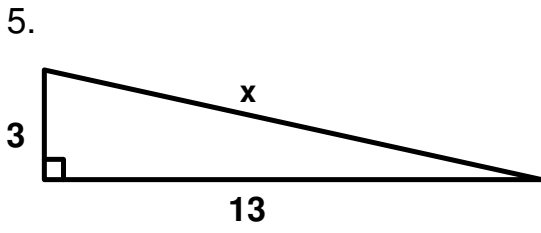


$$2\sqrt{6}$$

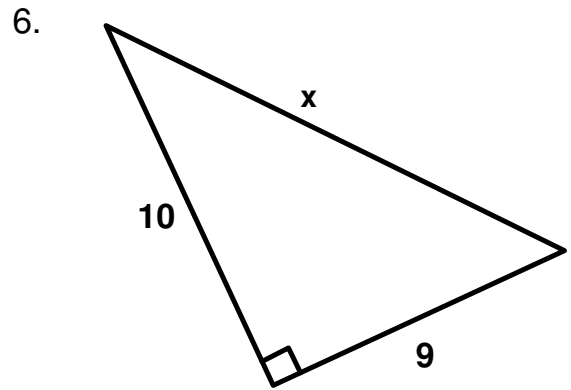
4.



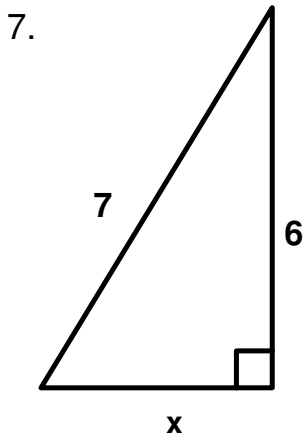
$$\sqrt{586}$$



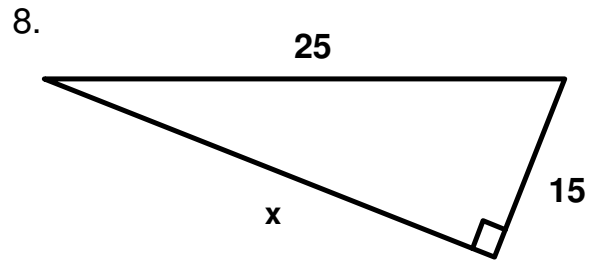
$$\sqrt{178}$$



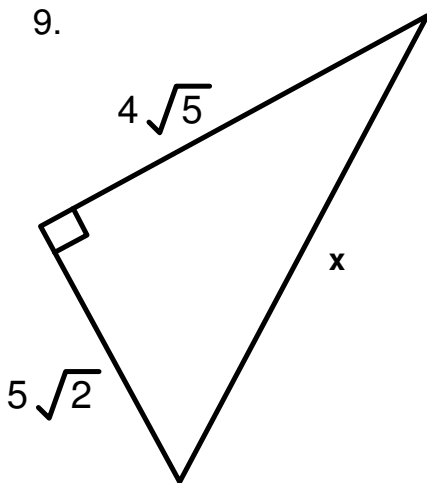
$$\sqrt{181}$$



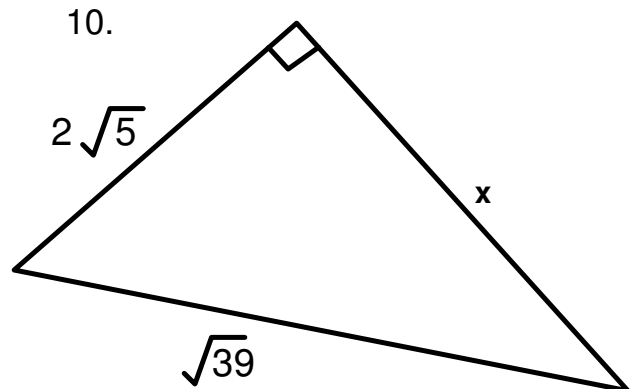
$$\sqrt{13}$$



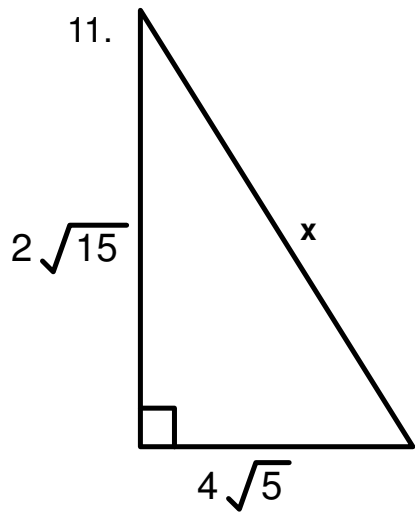
$$20$$



$$\sqrt{130}$$

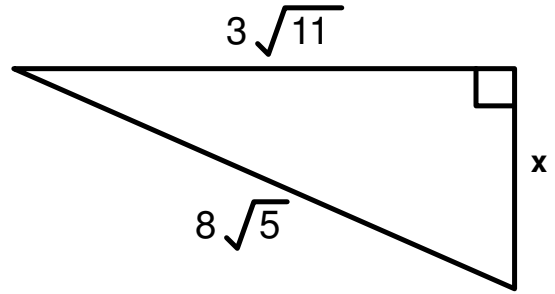


$$\sqrt{19}$$



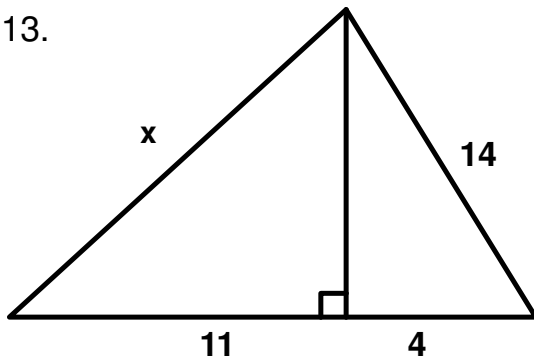
$$2\sqrt{35}$$

12.



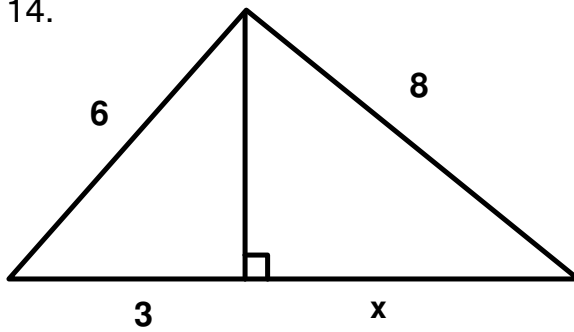
$$\sqrt{221}$$

13.



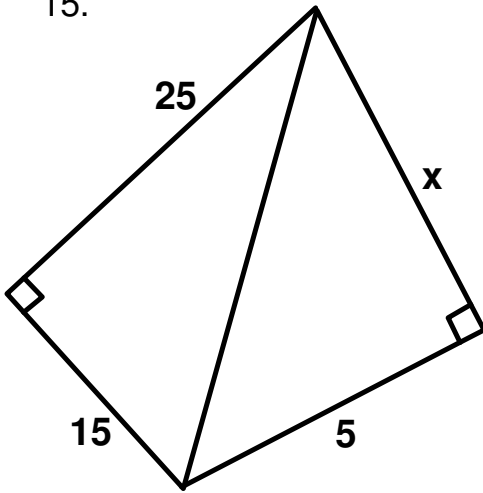
$$\sqrt{301}$$

14.



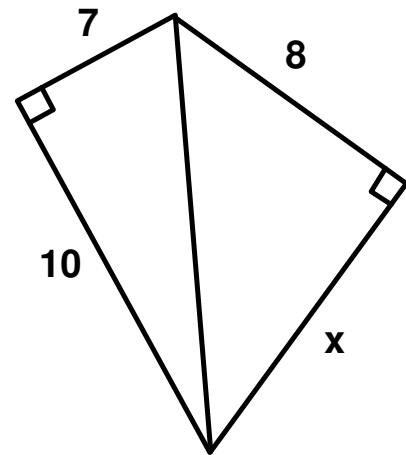
$$\sqrt{37}$$

15.



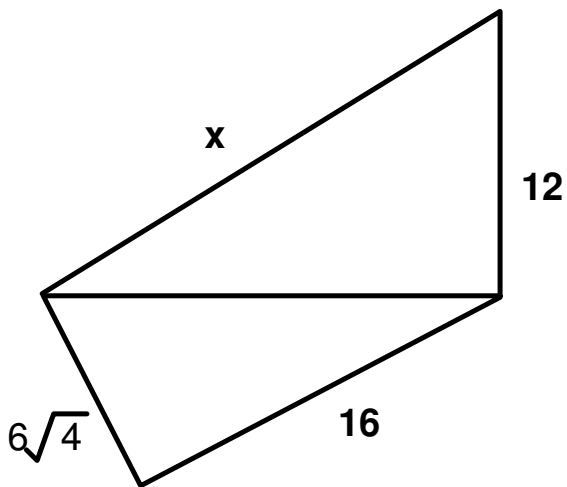
$$5\sqrt{33}$$

16.



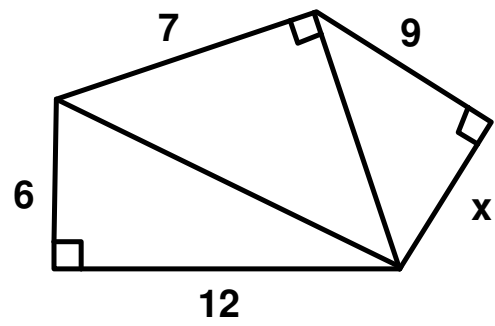
$$\sqrt{85}$$

17.

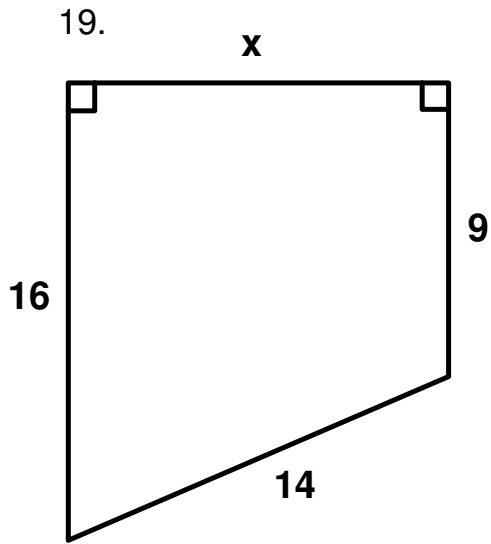


$$4\sqrt{34}$$

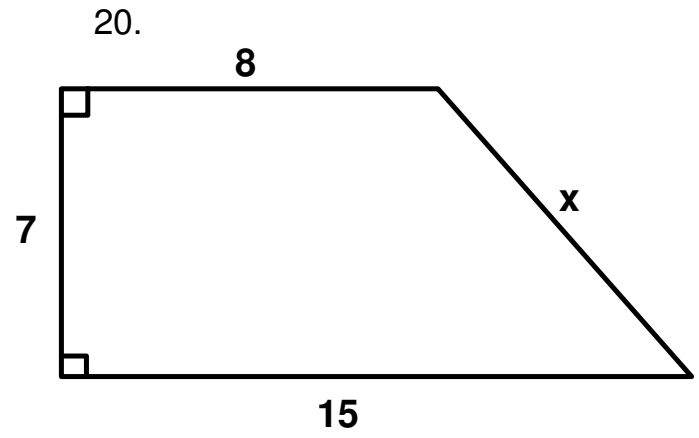
18.



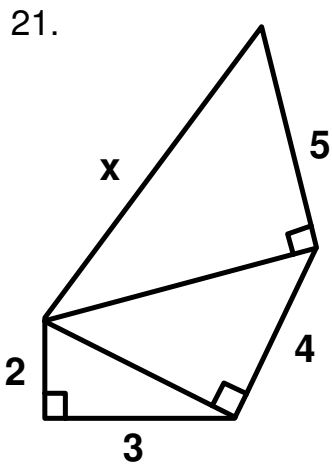
$$5\sqrt{2}$$



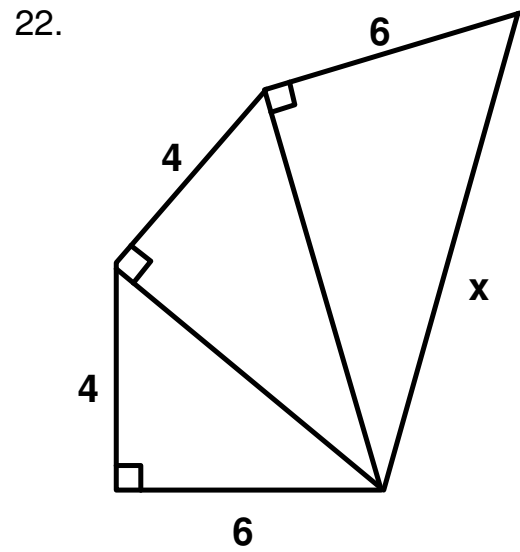
$$7\sqrt{3}$$



$$7\sqrt{2}$$



$$3\sqrt{6}$$

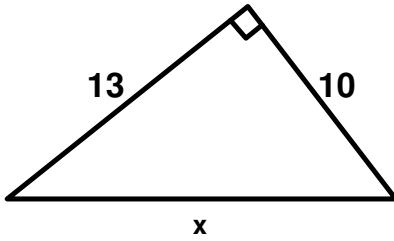


$$2\sqrt{26}$$

The Pythagorean Theorem

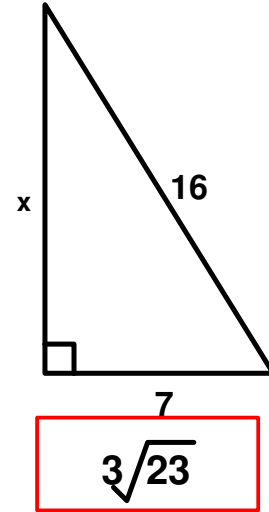
Obtain the value for x using the figures given below:

1.



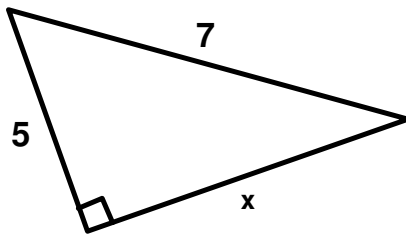
$$\sqrt{269}$$

2.



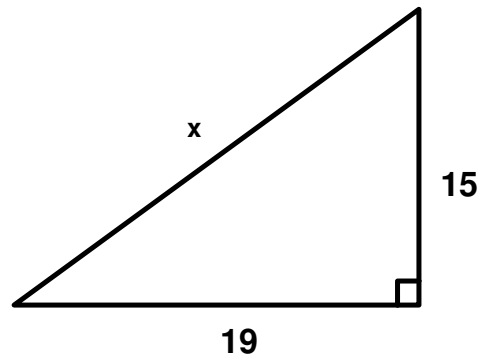
$$3\sqrt{23}$$

3.



$$2\sqrt{6}$$

4.



$$\sqrt{586}$$