

Practice 10-3

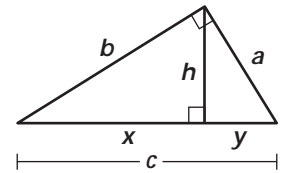
Mixed Exercises

Find the geometric mean of each pair of numbers.

- | | | |
|-------------|--------------|-------------|
| 1. 32 and 8 | 2. 4 and 16 | 3. 11 and 7 |
| 4. 2 and 22 | 5. 10 and 20 | 6. 6 and 30 |

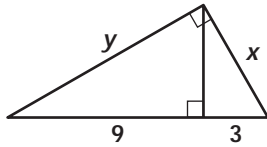
Refer to the figure to complete each proportion.

- | | | |
|---------------------------------------|---------------------------------------|---------------------------------------|
| 7. $\frac{x}{h} = \frac{\square}{y}$ | 8. $\frac{a}{b} = \frac{\square}{h}$ | 9. $\frac{a}{b} = \frac{h}{\square}$ |
| 10. $\frac{a}{c} = \frac{y}{\square}$ | 11. $\frac{a}{c} = \frac{h}{\square}$ | 12. $\frac{b}{x} = \frac{\square}{b}$ |

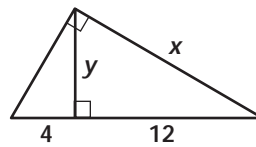


Find the values of the variables.

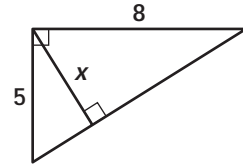
13.



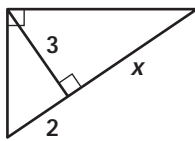
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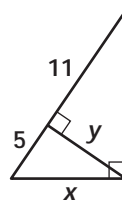
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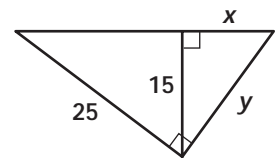
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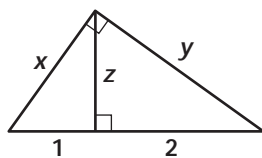
17.



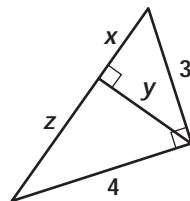
18.



19.



20.



21.

