

Similar Triangles and Proportions Color by Number



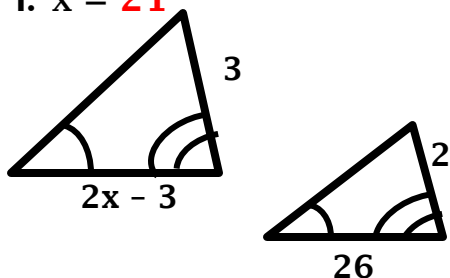
Secondary
Math Shop

Name: _____ **Answer Key** _____ Hour: _____ Date: _____

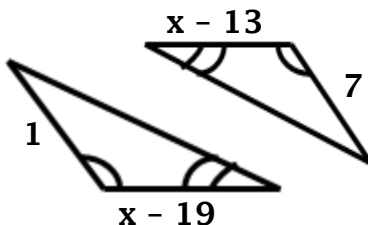
Similar Triangles and Proportions: Color - By - Number

Directions: All triangles are similar. Set-up and solve proportions to find the value of x. Show all of your work.

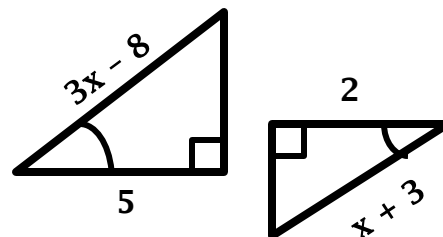
1. $x = 21$



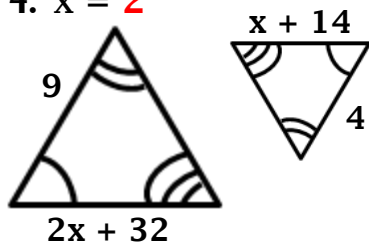
2. $x = 20$



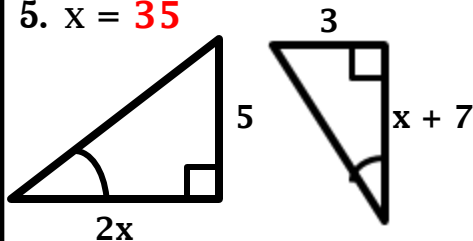
3. $x = 31$



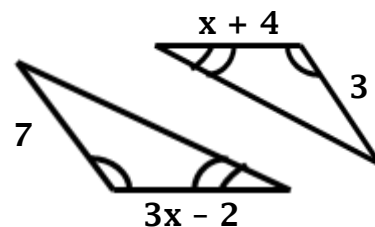
4. $x = 2$



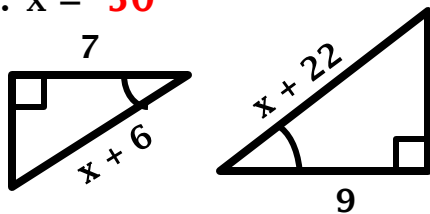
5. $x = 35$



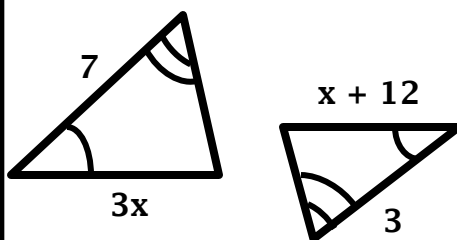
6. $x = 17$



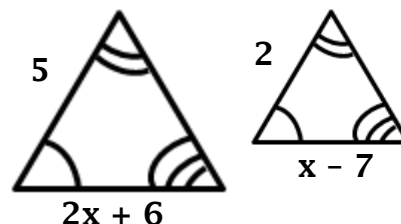
7. $x = 50$



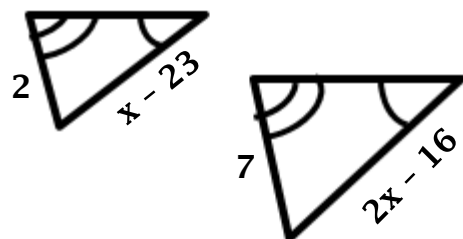
8. $x = 42$



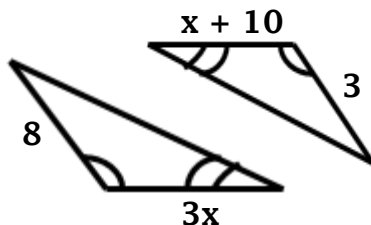
9. $x = 47$



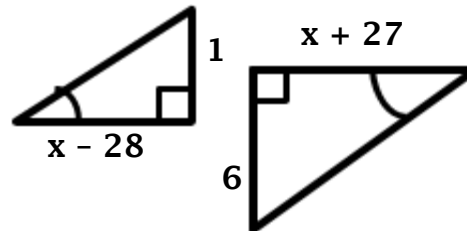
10. $x = 43$



11. $x = 80$



12. $x = 39$



Color Bank:

Light Blue: 43	Gray: 50	Light Green: 20	Dark Blue: 21
Yellow: 47	Black: 80	Orange: 31	Pink: 2
Brown: 42	Red: 39	Dark Green: 35	Purple: 17

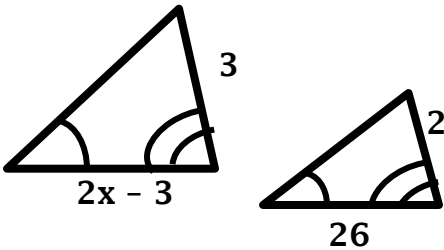


Name: _____ Hour: _____ Date: _____

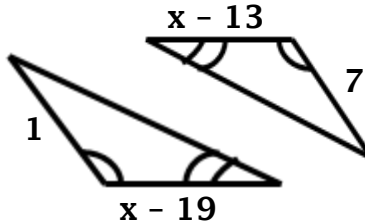
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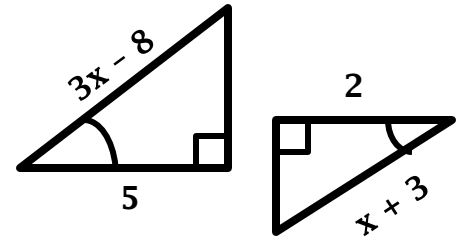
1. $x =$ _____



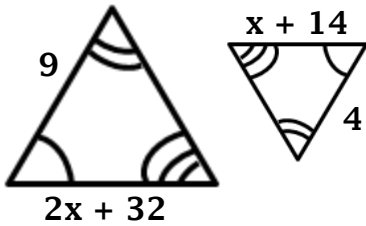
2. $x =$ _____



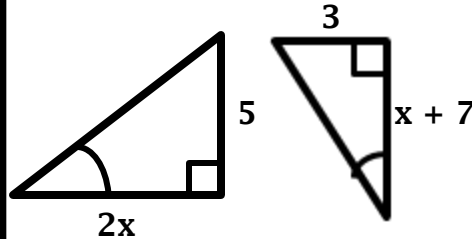
3. $x =$ _____



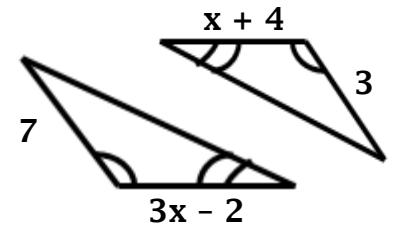
4. $x =$ _____



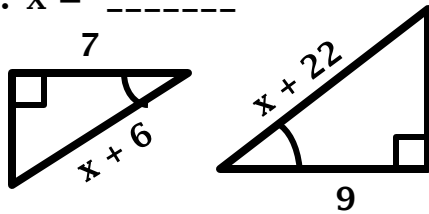
5. $x =$ _____



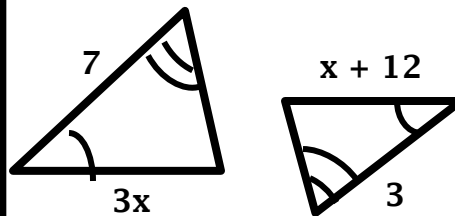
6. $x =$ _____



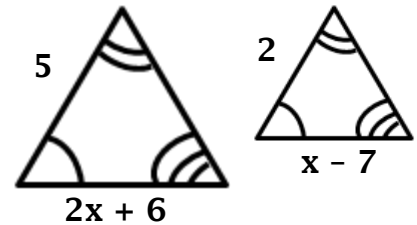
7. $x =$ _____



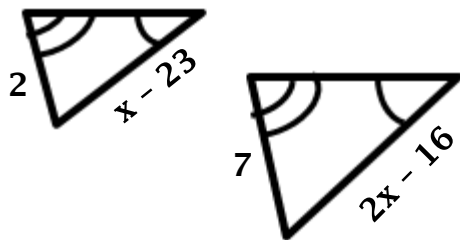
8. $x =$ _____



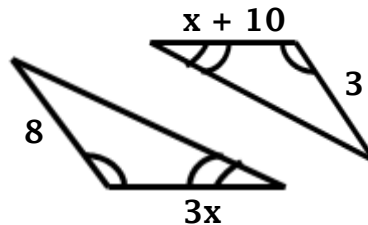
9. $x =$ _____



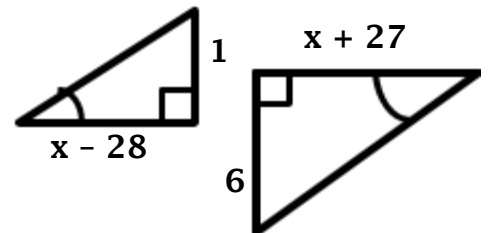
10. $x =$ _____



11. $x =$ _____

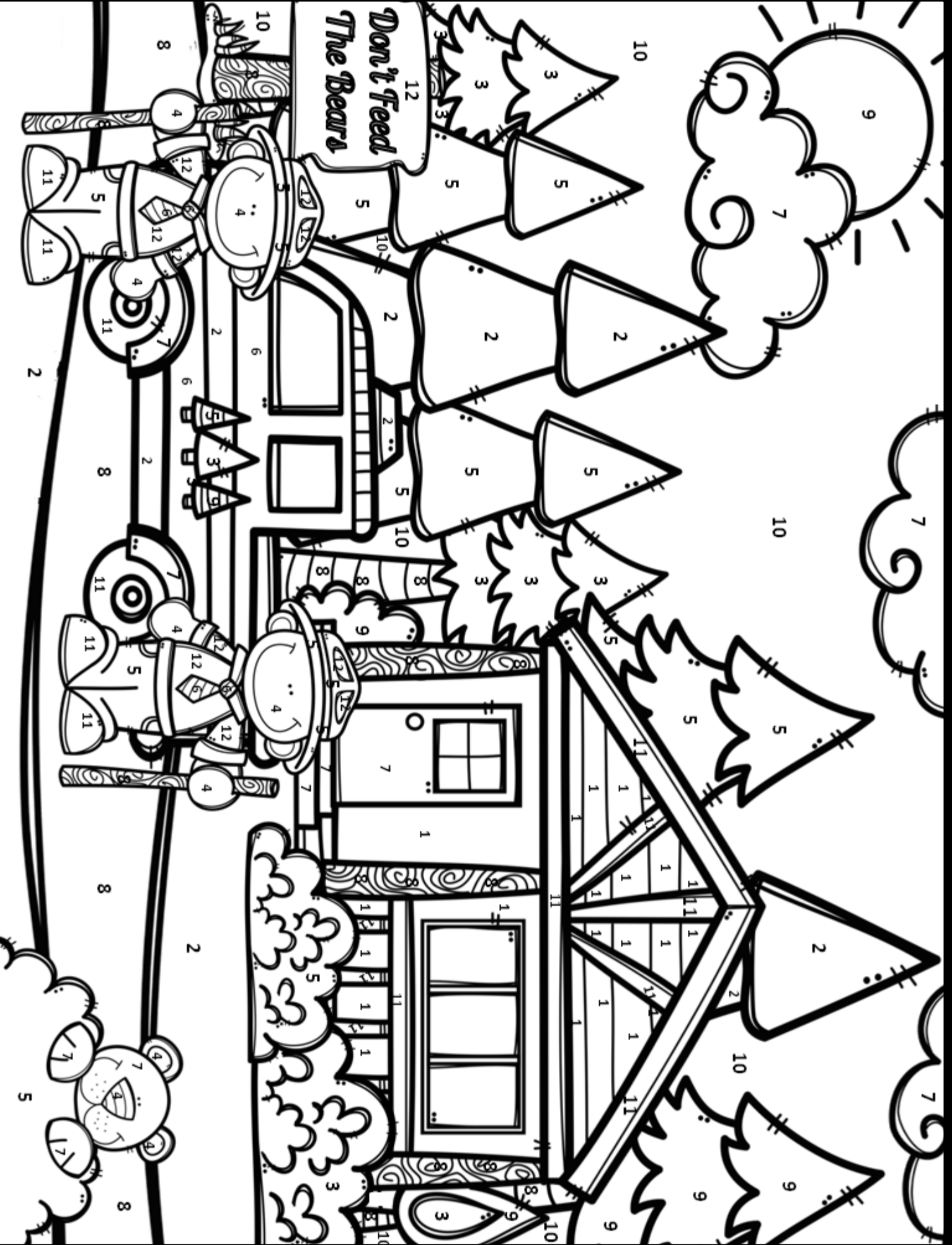


12. $x =$ _____



Color Bank:

Light Blue: 43	Gray: 50	Light Green: 20	Dark Blue: 21
Yellow: 47	Black: 80	Orange: 31	Pink: 2
Brown: 42	Red: 39	Dark Green: 35	Purple: 17



Thank You For Your Purchase!

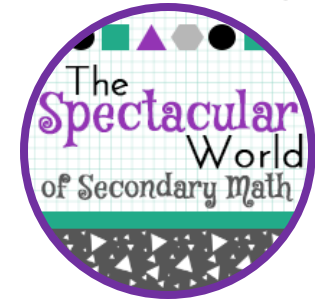
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