

Name _____ Date _____

Factoring Polynomials Color by Number

Directions: Factor the following polynomials. Then, color the factors on the picture according to the color indicated. For polynomials that can be factored by removing a GCF, color only the GCF according to the color indicated.

Polynomial	Factors	Color
1. $a^2 - 7a - 18$	_____	green
2. $b^2 + 2b - 48$	_____	dark blue
3. $b^2 - 5b + 6$	_____	teal
4. $b^2 - 4b - 32$	_____	purple
5. $a^2 + 10a + 21$	_____	dark blue
6. $b^2 - 3b - 54$	_____	teal
7. $a^2 - 13a + 40$	_____	green
8. $a^2 + 4a - 12$	_____	dark blue
9. $2x^2 + 6x - 108$	_____	teal
10. $b^2 - 2b - 35$	_____	Purple
11. $5x^2 + 10x + 20$	_____	Dark blue
12. $b^2 + 22b + 121$	_____	Green
13. $6x^2 + 66x + 60$	_____	Teal
14. $a^2 + a - 20$	_____	Teal
15. $4x^2 - 4x - 8$	_____	Dark blue

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