

Evaluating Functions Color by Number

Directions: Evaluate each function below. Then, color the solution on the picture with the color indicated. Show your work on a separate sheet of paper.

Function	Solution	Color
1. $k(x) = -x + 16$; find $k(5)$	_____	pink
2. $g(n) = n^2 + 3$; find $g(8)$	_____	purple
3. $h(n) = n^3 + 3n^2 - 34$; find $h(-4)$	_____	teal
4. $p(a) = a^3 + 13a - 2$; find $p(-5)$	_____	black
5. $f(x) = -1 + \frac{1}{4}x$; find $f\left(\frac{3}{4}\right)$	_____	blue
6. $h(x) = -x^3 - 12$; find $h(-2)$	_____	pink
7. $p(x) = 2x$; find $p(-9)$	_____	purple
8. $g(x) = x^2 + 5x$; find $g(10)$	_____	teal
9. $h(n) = \frac{4}{3}n + \frac{8}{5}$; find $h(-1)$	_____	blue
10. $h(n) = n^3 - 6n - 7$; find $h(5)$	_____	pink
11. $h(x) = -x^2 - x$; find $h(10)$	_____	purple
12. $w(a) = \frac{-a^2-3}{2}$; find $w(5)$	_____	teal

Name _____ Date _____

