

# Answer, find & color

## FUNCTIONS

Solve the problems and shade the shapes as per the letter and color.

8	9	0.5	6	11	15	1/12	1/16
250	-36	0.2	256	25	30	-16	-15
3	4	39	38.6	8	9	380	38.75
28	26	80	85	10	5	384	38.2

### A

1.  $f(n) = 8n^2 + 12n$   
Find  $f(-4)$

2.  $f(t) = (-4)^{(t-5)}$   
Find  $f(3)$

3.  $w(a) = 11a^{-4} \div a^{-4}$   
Find  $w(-3)$

4.  $g(n) = 6n - 2n^2$   
Find  $g(6)$

5.  $h(m) = (2m^2)(2m)^{-1}$   
Find  $h(5)$

### B

6.  $f(p) = |p^2 \cdot p^{-3} - p^5|$   
Find  $f(2)$

7.  $v(d) = 4^{(d+2)} \div (2 \cdot 2^2)$   
Find  $v(1)$

8.  $g(b) = 10b^b - 20b^{-2b}$   
Find  $g(2)$

9.  $f(x) = x^{(x-1)} \div x^{(1-x)}$   
Find  $f(4)$

10.  $d(h) = (4h + 2h) \div h^2$   
Find  $d(2)$

### C

11.  $s(t) = |t^t - 21.3t|$   
Find  $s(2)$

12.  $m(h) = (h^{-3})(h^h)$   
Find  $m(2)$

13.  $k(a) = |2^{(3a-4a)}|$   
Find  $y(-3)$

14.  $w(d) = 26d^{(3d-9)}$   
Find  $w(3)$

15.  $g(n) = 8n^2 - 2n^2$   
Find  $g(8)$