

Summer Substitution

Substitute the values $a = 1$, $b = 2$, $c = 3$ and $d = 4$ into each expression, as applicable. Colour the segment by finding your answer in the key.

Light Blue	5
Yellow	9
Brown	2
Light Green	-1
Dark Green	4

Mathematical expressions found in the segments:

- $b + c$
- $3b - 1$
- $c + 2$
- $c^2 - 4$
- $2b + 5$
- $2b - 5$
- $5b - 8$
- $d^2 - 7$
- $4(b - 1)$
- $2a + c$
- $a + d$
- $cd - 8$
- $abc + 3$
- $5b - a$
- $3d - c$
- $3b + c$
- $5a - 1$
- $c + 1$
- $a + b - 1$
- $5a + d$
- $3d - 3$
- $3b - 4$
- $3a - 1$
- $2c - 4$
- $2(c - 2)$
- $3b + 3$
- $a + 8$
- $a - 2$
- $-a$
- $2d + 1$
- $3d - 3$
- $2a - 3$
- $a - b$
- $2b^2 - 4$
- $5d - 11$
- $3c - 5$
- $3a + 6$
- $a^2 + 1$
- $7c - 17$
- $3 - 2b$
- $4b + 1$
- $b(d - 2)$
- $2a$
- $3c$
- $b - 3$
- $a(1 - b)$
- $2 - c$
- $b - c$
- $4d - 12$
- $d^2 - 12$
- $c^2 - 5$
- $3a + 6$
- $4b + 1$
- $bc - 2$
- $d - 5$
- $a^2 - 2$
- $ab - 3$
- $1 - b$



Summer Substitution Answers

Substitute the values $a = 1$, $b = 2$, $c = 3$ and $d = 4$ into each expression, as applicable. Colour the segment by finding your answer in the key.

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