

Name: _____

Operations with Polynomials

1) Find the value of each of the following expressions if $a = 3$, $b = 1$, $c = 0$ and $d = 2$.

(1) a^2

(2) b^2

(3) $ab + d$

(4) $a(b + d)$

(5) $2c + 3d$

(6) $2a^2$

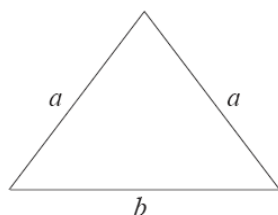
(7) $(2a)^2$

(8) $4ab + 3bd$

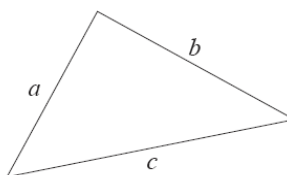
(9) $a + bc$ (10) d^3

2) Write down a formula for the perimeter of each of these shapes in simplest form

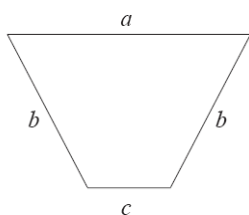
1)



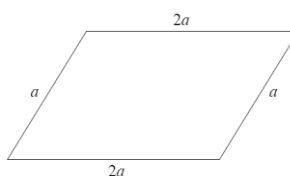
2)



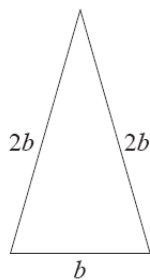
3)



4)



5)



6)

