



Math worksheet on 'Algebraic Functions - Remove Value From Bracketed Terms (Level 1)'. Part of a broader unit on 'Polynomials and Quadratics - Practice'

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1 Which answer is the same expression as this

$$9z + 36$$

a $9(z + 36)(z^9 + 36)$

c $9(z + 13)$ **d** $9(z + 4)$

e $9(z - 4)$

2 Which answer is the same expression as this

$$3z + 18$$

a $3(z - 6)$ **b** $3(z + 18)$

c $3(z + 6)$ **d** $(z^3 + 18)$

e $3(z + 9)$

3 Which answer is the same expression as this

$$7x + 49$$

a $7(x + 7)$ **b** $7(x + 14)$

c $7(x - 7)$ **d** $(x^7 + 49)$

e $7(x + 49)$

4 Which answer is the same expression as this

$$8c + 48$$

a $8(c + 6)$ **b** $8(c + 48)$

c $(c^8 + 48)$ **d** $8(c + 14)$

e $8(c - 6)$

5 Which answer is the same expression as this

$$5b + 40$$

a $5(b + 8)$ **b** $5(b - 8)$

c $5(b + 40)$ **d** $(b^5 + 40)$

e $5(b + 13)$

6 Which answer is the same expression as this

$$3c - 24$$

a $3(c + 8)$ **b** $3(c + 24)$

c $(c^3 + 24)$ **d** $3(c - 11)$

e $3(c - 8)$

7 Which answer is the same expression as this

$$6d - 30$$

a $6(d + 30)$ **b** $6(d - 5)$

c $6(d - 11)$ **d** $6(d + 5)$

e $(d^6 + 30)$