



Math worksheet on 'Algebraic Functions - Variable Substitution to Equation - Simple Terms (Negatives) (Level 2)'. Part of a broader unit on 'Algebra Basic Concepts - Practice'

Learn online: [app.mobius.academy/math/units/algebra\\_basic\\_concepts\\_practice/](http://app.mobius.academy/math/units/algebra_basic_concepts_practice/)

1

What does this equation become when  $p=-3$ ,  $b=-5$

$$3p + 6b$$

a  $3^{(-3)} + 6^{(-5)}$

b  $3 \times (-3) + 6 \times (-5)$

2

What does this equation become when  $b=-6$ ,  $r=3$

$$4b - 5r$$

a  $4 - (-6) - 5 - 3$

b  $4 \times (-6) - 5 \times 3$

3

What does this equation become when  $r=-3$ ,  $y=-4$

$$7r + 6y$$

a  $7 \times (-3) + 6 \times (-4)$

b  $7^{(-3)} + 6^{(-4)}$

4

What does this equation become when  $p=7$ ,  $r=-6$

$$5p + 5r$$

a  $5^7 + 5^{(-6)}$

b  $5 \times 7 + 5 \times (-6)$

5

What does this equation become when  $n=-6$ ,  $p=-5$

$$4n + 5p$$

a  $4 \times (-6) + 5 \times (-5)$

b  $4 + (-6) + 5 + (-5)$

6

What does this equation become when  $b=-5$ ,  $p=-6$

$$-2b + 7p$$

a  $2 \times (-5) - 7 \times (-6)$

b  $-2 \times (-5) + 7 \times (-6)$

7

What does this equation become when  $b=-4$ ,  $m=6$

$$6b + 3m$$

a  $6 \times (-4) + 3 \times 6$

b  $6 + (-4) + 3 + 6$