Name

Algebraic Functions - Variable Substitution to Equation - Fractional Terms (Negatives)

1

$$\frac{6x + 2z}{4r}$$

What does this equation become when
x=3, r=-4, z=7

A	B
$\frac{6-3-2-7}{4-(-4)}$	$\frac{6 \cdot 3 + 2 \cdot 7}{4 \cdot (-4)}$

2

$$\frac{4x - 6m}{6n}$$

What does this equation become when
x=3, n=-8, m=-6

A	B
$\frac{4 \cdot 3 - 6 \cdot (-6)}{6 \cdot (-8)}$	$3^4 + (-8)^6$

3

$$\frac{2x + 4z}{2r}$$

What does this equation become when
x=-6, r=2, z=8

A	B
$\frac{2^{(-6)} + 4^8}{2^2}$	$\frac{2 \cdot (-6) + 4 \cdot 8}{2 \cdot 2}$

4

$$\frac{6x - 3p}{5y}$$

What does this equation become when
x=7, y=-6, p=4

A	B
$\frac{6^7 + 3^4}{5(-6)}$	$\frac{6 \cdot 7 - 3 \cdot 4}{5 \cdot (-6)}$

5

$$\frac{6y - 4b}{2z}$$

What does this equation become when
y=8, z=-4, b=-8

A	B
$\frac{6 \cdot 8 + 4 \cdot (-8)}{2 \cdot (-4)}$	$\frac{6 \cdot 8 - 4 \cdot (-8)}{2 \cdot (-4)}$

6

$$\frac{2b - 4z}{2r}$$

What does this equation become when
b=-4, r=6, z=4

A	B
$(-4)^2 + 6^2$	$\frac{2 \cdot (-4) - 4 \cdot 4}{2 \cdot 6}$

7

$$\frac{4b + 6n}{3y}$$

What does this equation become when
b=-6, y=4, n=6

A	B
$\frac{4 + (-6) + 6 + 6}{3 + 4}$	$\frac{4 \cdot (-6) + 6 \cdot 6}{3 \cdot 4}$

8

$$\frac{2d - 5m}{5y}$$

What does this equation become when
d=5, y=-2, m=4

A	B
$\frac{2 \cdot 5 - 5 \cdot 4}{5 \cdot (-2)}$	$2^5 + 5^{(-2)}$