Name

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

1

$$\frac{7r}{3m} + \frac{5b}{5p}$$

What does this equation become when
r=-6, m=-7, b=4, p=2

A	B
$\frac{7 \cdot (-6)}{3 \cdot (-7)} + \frac{5 \cdot 4}{5 \cdot 2}$	$\frac{7 + (-6)}{3 + (-7)} + \frac{5 + 4}{5 + 2}$

2

$$\frac{-5b}{3r} - \frac{6p}{4z}$$

What does this equation become when
b=6, r=2, p=4, z=-2

A	B
$\frac{-5 + 6}{3 + 2} - \frac{6 + 4}{4 + (-2)}$	$\frac{-5 \cdot 6}{3 \cdot 2} - \frac{6 \cdot 4}{4 \cdot (-2)}$

3

$$\frac{6m}{2z} + \frac{6n}{3c}$$

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

A	B
$\frac{6 + (-8)}{2 + 8 + 6 + 6}$	$\frac{6 \cdot (-8)}{2 \cdot 8} + \frac{6 \cdot 6}{3 \cdot 3}$

4

$$\frac{-7d}{2r} - \frac{6y}{6c}$$

What does this equation become when
d=-6, r=7, y=5, c=-5

A	B
$\frac{-7 \cdot (-6)}{2 \cdot 7} - \frac{6 \cdot 5}{6 \cdot (-5)}$	$\frac{-7 + (-6)}{2 + 7} - \frac{6 + 5}{6 + (-5)}$

5

$$\frac{7r}{7x} + \frac{3y}{2d}$$

What does this equation become when
r=-8, x=-4, y=8, d=3

A	B
$\frac{7 \cdot (-8)}{7 \cdot (-4)} + \frac{3 \cdot 8}{2 \cdot 3}$	$\frac{7 + (-8)}{7 + (-4)} + \frac{3 + 8}{2 + 3}$

6

$$\frac{2c}{2y} + \frac{6x}{6p}$$

What does this equation become when
c=6, y=2, x=8, p=-4

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

7

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

What does this equation become when
x=-2, r=4, c=6, z=2

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

8

$$\frac{3x}{7r} + \frac{3n}{2p}$$

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

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