mobius

Algebraic Functions - Variable Substitution to Equation - Multiple Fractional Terms

1

$$\frac{3b}{3d} + \frac{5p}{2r}$$

What does this equation become when
b=8, d=2, p=6, r=5

A	B
$\frac{3 \cdot 8}{3 \cdot 2} + \frac{5 \cdot 6}{2 \cdot 5}$	$\frac{3 \cdot 8}{3 + 2 + 5 + 6}$

2

$$\frac{7n}{2x} + \frac{6d}{3c}$$

What does this equation become when
n=6, x=7, d=8, c=2

A	B
$\frac{7 \cdot 6}{2 \cdot 7} + \frac{6 \cdot 8}{3 \cdot 2}$	$\frac{7 + 6}{2 + 7} + \frac{6 + 8}{3 + 2}$

3

$$\frac{6r}{3y} + \frac{5p}{2z}$$

What does this equation become when
r=6, y=3, p=8, z=5

A	B
$\frac{6 \cdot 6}{3 + 3 + 5 + 8}$	$\frac{6 \cdot 6}{3 \cdot 3} + \frac{5 \cdot 8}{2 \cdot 5}$

4

$$\frac{6n}{2p} + \frac{7c}{4r}$$

What does this equation become when
n=6, p=3, c=4, r=7

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

5

$$\frac{6y}{6p} + \frac{4n}{2m}$$

What does this equation become when
y=6, p=3, n=5, m=2

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

6

$$\frac{6n}{2d} + \frac{4p}{4z}$$

What does this equation become when
n=5, d=3, p=6, z=2

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

7

$$\frac{6z}{4p} + \frac{4n}{7c}$$

What does this equation become when
z=6, p=3, n=7, c=2

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

8

$$\frac{6m}{2r} + \frac{6d}{2p}$$

What does this equation become when
m=4, r=6, d=8, p=3

A	B
$\frac{6 \cdot 4}{2 \cdot 6} \times \frac{6 \cdot 8}{2 \cdot 3}$	$\frac{6 \cdot 4}{2 \cdot 6} + \frac{6 \cdot 8}{2 \cdot 3}$

Learn online at www.mobius.academy