mobius

Math worksheet on *'Algebraic Functions - Variable Substitution to Equation - Multiple Fractional Terms (Level 1)'*. Part of a broader unit on *'Algebra Basic Concepts - Practice'*

Learn online: app.mobius.academy/math/units/algebra_basic_concepts_practice/

1

$$\frac{6z}{2c} + 2p$$

What does this equation become when
z=5, c=3, p=7

a	b
$\frac{6 \cdot 5}{2 \cdot 3} + 2 \cdot 7$	$\frac{6+5}{2+3+2+7}$

2

$$\frac{5x}{2c} + 2r$$

What does this equation become when
x=6, c=5, r=4

a	b
$\frac{5 \cdot 6}{2 \cdot 5} + 2 \cdot 4$	$\frac{5 \cdot 6}{2 \cdot 5 - 2 \cdot 4}$

3

$$\frac{6y}{4d} + 4r$$

What does this equation become when
y=8, d=3, r=5

a	b
$\frac{6 \cdot 8}{4 \cdot 3} + 4 \cdot 5$	$\frac{6 \cdot 8 + 4 \cdot 5}{4 \cdot 3}$

4

$$\frac{5d}{5z} + 4c$$

What does this equation become when
d=6, z=2, c=3

a	b
$\frac{5 \cdot 6}{5 \cdot 2} + 4 \cdot 3$	$\frac{5 \cdot 6 + 4 \cdot 3}{5 \cdot 2}$

5

$$\frac{4n}{2z} + 7x$$

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

a	b
$\frac{4 \cdot 6}{2 \cdot 2 - 7 \cdot 8}$	$\frac{4 \cdot 6}{2 \cdot 2} + 7 \cdot 8$

6

$$\frac{6b}{3c} + 5y$$

What does this equation become when
b=8, c=4, y=6

a	b
$\frac{6 \cdot 8 + 5 \cdot 6}{3 \cdot 4}$	$\frac{6 \cdot 8}{3 \cdot 4} + 5 \cdot 6$

7

$$\frac{4r}{2m} + 7b$$

What does this equation become when
r=5, m=2, b=7

a	b
$\frac{4 \cdot 5}{2 \cdot 2} + 7 \cdot 7$	$\frac{4 \cdot 5}{2 \cdot 2 - 7 \cdot 7}$