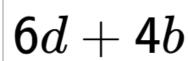


Math worksheet on 'Algebraic Functions - Variable Substitution to Equation - Fractional Terms (Negatives) (Level 2)'. Part of a broader unit on 'Algebra Basic Concepts - Practice'

Learn online: app.mobius.academy/math/units/algebra basic concepts practice/



What does this equation become when d=4, p=8, b=-6

| U |
|-------|
| 6+4+4 |
| 2+8 |
| |

2

$$6x-3p$$

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

$$\frac{\mathbf{a}}{6 \cdot 7 - 3 \cdot 4}$$

$$\frac{5 \cdot (-6)}{5 \cdot (-6)}$$

 $\left|rac{{f a}}{6\cdot 7-3\cdot 4}
ight|rac{{f b}}{5\cdot (-6)}^{7}+rac{{f b}}{5^{(-6)}}$

3

$$4x - 6m$$

become when x=3, n=-8, m=-6

What does this equation

$$\begin{vmatrix} \mathbf{a} & \mathbf{b} \\ \frac{4 \cdot 3 - 6 \cdot (-6)}{6 \cdot (-8)} & 3^4 + (-8)^6 \end{vmatrix}$$

4

$$6c-5d$$

What does this equation become when c=-5, p=3, d=6

a
$$\frac{6 \cdot (-5) + 5 \cdot 6}{4 \cdot 3}$$
 b $\frac{6 \cdot (-5) - 5 \cdot 6}{4 \cdot 3}$

5

What does this equation become when x=7, y=6, n=-2

a b
$$\frac{6-7-3-(-2)}{4-6}$$
 $\frac{6\cdot 7-3\cdot (-2)}{4\cdot 6}$

6

$$2x + 3z$$

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

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

7

$$7m-5x$$

What does this equation become when m=-7, y=-2, x=-5

a b
$$7^{(-7)} + 6^{(-2)} \frac{7 \cdot (-7) - 5 \cdot (-5)}{6 \cdot (-2)}$$