Name_____

Assignment : Change of Subject

Date_____

Solve each equation for the indicated variable.

1) $g = \dfrac{ac}{b}$, for a

2) $z = \dfrac{mx}{y}$, for x

3) $u = ka - b$, for a

4) $z = mx + y$, for x

5) $g = cxy$, for x

6) $g = ac - b$, for a

7) $g = ca + ba$, for a

8) $z = \dfrac{a + b}{ma}$, for a

9) $u = \dfrac{x + y}{kx}$, for x

10) $u = \dfrac{x + y}{kx}$, for x

11) $g = cx + yx$, for x

12) $g = \dfrac{a + b}{ca}$, for a

13) $\dfrac{x}{c} = \dfrac{y}{r + d}$, for x

14) $ac = rdb$, for a

15) $a - k = \dfrac{w - v}{b}$, for a

16) $z = \dfrac{amp + n}{p}$, for a

Answers to Assignment : Change of Subject

1) $a = \dfrac{gb}{c}$

2) $x = \dfrac{zy}{m}$

3) $a = \dfrac{u + b}{k}$

4) $x = \dfrac{z - y}{m}$

5) $x = \dfrac{g}{cy}$

6) $a = \dfrac{g + b}{c}$

7) $a = \dfrac{g}{c + b}$

8) $a = \dfrac{b}{zm - 1}$

9) $x = \dfrac{y}{uk - 1}$

10) $x = \dfrac{y}{uk - 1}$

11) $x = \dfrac{g}{c + y}$

12) $a = \dfrac{b}{gc - 1}$

13) $x = \dfrac{cy}{r + d}$

14) $a = \dfrac{rdb}{c}$

15) $a = \dfrac{bk + w - v}{b}$

16) $a = \dfrac{zp - n}{mp}$