1:
$$W = Xy + ln(2)$$
, $X = \frac{\sqrt{2}}{u}$, $y = u + V$, $z = cos(u)$
Find $\frac{\partial w}{\partial u}$

Substitute

For the
$$\frac{-(u+v)v^2}{u^2} + \frac{v^2}{u} - \frac{\sin(u)}{\cos(u)}$$
.

Variables

2. Find
$$(\frac{d4}{ds})_{u,R}$$
 For $\frac{4(x,y)}{R} = 2x^2 + 2y^2$
 $\frac{1}{(ds)}_{u,R}$ For $\frac{4(x,y)}{R} = 2x^2 + 2y^2$

$$u = A = \frac{3i - 4i}{1AI} = \frac{3i - 4i}{5} = \frac{3i - 4i}{5} = \frac{3i - 4i}{5}$$
 then $u_1 = 3/5$
 $u_2 = 41/5$
 $u_3 = 41/5$

$$\left(\frac{df}{ds}\right)_{u_1 u_3} = \lim_{s \to \infty} \frac{f(x_0 + 3u_1) - f(x_0 + 3u_2)}{g_0 + 3u_2} = \frac{x_0 = -1}{g_0 = 1}$$

$$= \lim_{s \to 0} \frac{1(-1+3.3/s) \cdot 1 + 5.4/s}{s} - \frac{1(-1)1}{s} = \lim_{s \to 0} \frac{2(-1+\frac{3}{5}s) + 2(1-\frac{4}{5}s) - (2+\epsilon)}{s}$$

$$= \lim_{s \to 0} \frac{1(-1+3.3/s) \cdot 1 + 5.4/s}{s} - \frac{1}{5} = \lim_{s \to 0} \frac{2(-1+\frac{3}{5}s) + 2(1-\frac{4}{5}s) - (2+\epsilon)}{s}$$

$$= \lim_{s \to 0} \frac{1}{s} - \frac{2}{5} - \frac{4}{5} = \lim_{s \to 0} \left(-\frac{2}{5}\right) - \lim_{s \to 0} \frac{4}{5}$$

$$= \lim_{s \to 0} \frac{1}{s} - \frac{2}{5} - \frac{4}{5} = \lim_{s \to 0} \left(-\frac{2}{5}\right) - \lim_{s \to 0} \frac{4}{5}$$