Section 2.2: contà

Thursday, October 03, 2013 9:32 AM

comments on Assign 1:

$$4f \qquad \qquad y \left(x \in y\right) = xy + y^{\lambda}$$

$$82 - (6-2^{3})^{4} + (-18) \div (-0.9)$$

$$- (-2)^{4} + (-18) \div (-\frac{9}{10})$$

$$- (16) + (-\frac{2}{10}) \times (-\frac{10}{9})$$

$$-16 + 20$$

$$(0.3 + 0.4)^{2} - 0.3^{2} - 0.4^{2}$$

$$(0.7)^{2} - 0.3^{2} - 0.4^{2}$$

$$(0.3)^{2} = \left(\frac{3}{10}\right)^{2} = \frac{3}{10} \cdot \frac{3}{10} = \frac{9}{100} = 0.09$$
$$= (0.3)(0.3) = 0.09$$

$$8 + \frac{3^{2}}{(-3)^{2}} = -1 \cdot 3 \cdot 3$$

$$(-3)^{2}$$

$$-0.3^{2} = -1 (0.3)^{2} = -0.09$$

$$-3^2 = -(3)^3$$

$$\frac{4x-8}{-2} - \frac{4x-8}{2}$$

$$-2x + 4 - (2x-4)$$

$$-2x + 4 - 2x + 4$$

$$ma + 5 = 3a - m$$
 $ma + m = 3a - 5$
 $m(a+1) = 3a - 5$
 $m = \frac{3a-5}{a+1}$

$$xy = \left(\frac{1}{x} + \frac{2}{y}\right) = \left(\frac{3}{z}\right) \times y^{2}$$

$$y^{2} + 2x^{2} = 3xy$$

$$y^{2} + 2x^{2} = 3xy$$

$$2x^{2} = 3xy - y^{2}$$

$$xy = 3xy - y^{2}$$

factor out

$$\frac{2\times z}{3\times z} = y$$

$$1 \frac{\partial}{\partial y^{2}} \left(\frac{1}{3y} + \frac{1}{4z} \right) = \left(\frac{1}{2} \right) 1 \frac{\partial}{\partial y^{2}}$$

$$42 + 3y = 6y^{2}$$

$$42 = 6y^{2} - 3y$$

$$4z = y(6z - 3)$$

$$\frac{4z}{6z - 3} = y$$

$$6z - 3$$

$$y = \frac{4z}{6z - 3}$$

$$x = y^{2} - \frac{4z}{3 - 6z}$$