Latinan soal

1.
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$$7 = \chi^{2} + y^{2}$$
 $7 = \Gamma^{2}$
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3. SS 2×92d5. 5-0 permulaan 3×+4y+27=12

Rroy eWis =
$$(0.3)_{1}(4.0)$$

 $t = f(x_{1}y) = 6 - \frac{2}{2}x - 2y$
 $f_{x} = -\frac{3}{2}, f_{y} = -2$
 $3 \times 9t = 3 \times 9(6 - \frac{3}{2}x - 2y)$
 $= 18 \times 9 - \frac{9}{2} \times 29 - 6 \times 9^{2}$
 $ds = \sqrt{\frac{9}{4}} + 4 + 1 dA = \sqrt{\frac{29}{2}} dA$

$$|\int_{S} 3 \times 9 + ds = \int_{S} (|8 \times 9 - \frac{9}{2} \times^{2}9 - 6 \times 9^{2}) dA = \int_{2}^{2} \int_{2}^{4} \int_{3}^{3} \int_{3}^{3} \times |8 \times 9 - \frac{9}{2} \times^{2}9 - 6 \times 9^{2} dA dy dx$$

$$= \frac{\sqrt{29}}{2} \int_{0}^{4} 9 \times 9^{2} - \frac{9 \times^{2}9^{2}}{4} - 2 \times 9^{3} \Big|_{0}^{3} \int_{3}^{3} \frac{1}{4} \times dx$$

$$= \frac{\sqrt{29}}{2} \int_{0}^{4} 27 \times - \frac{81}{16} \times^{3} - \frac{81 \times^{4} - 648 \times^{3} + 1291 \times^{4} + 27}{64} \times^{4} dx$$

$$= \frac{2214 \sqrt{29}}{2} \approx 2784.55$$