

27, 29, 30, 28, 25

$$25. \left( \frac{u^{-2}}{v} \right)^{-1} = \frac{u^2}{v^{-1}}$$

$$\textcircled{u^2 v}$$

$$27. (2x^{-2}y^2)^{-2}$$

$$\frac{2^{-2}x^4y^{-4}}{2^2y^4} = \frac{x^4}{2^2y^4} \textcircled{\frac{x^4}{4y^4}}$$

$$28. \frac{(3x^{-2}y)^{-1}}{(2xy^{-2})^0}$$

$$\frac{3^{-1}x^2y^{-1}}{1} = \frac{x^2}{3y}$$

$$29. 3x^2(3xy^{-1})^{-2}$$

$$3x^2 \cdot 3^{-2}x^{-2}y^2$$

$$\frac{\cancel{3}x^2y^2}{\cancel{3}x^2} = \frac{y^2}{3}$$

$$30. 5t(s^{-1}t^{-2})^{-2}$$

$$5t \cdot s^2t^4$$

$$5s^2t^5$$

$$31. \frac{(2x^{-1})^{-2}}{2(y^{-1})^{-2}} = \frac{2^{-2}x^2}{2y^2}$$

$$\frac{x^2}{2y^2 \cdot 2^2} = \frac{x^2}{8y^2}$$

2/11/10

$$26. \left( \frac{2}{h^2 k^{-3}} \right)^{-2}$$

