

34, 32, 36, 38

$$32. \left( \frac{2pq^{-1}}{4q^2} \right)^{-1} = \frac{24q^2q}{2pqq^{-1}}$$

$$34. \left( \frac{3}{t^2} \right)^{-1} \left( \frac{t}{3} \right)^{-2} \frac{2q^3}{p}$$

$$\frac{t^2}{3} \cdot \frac{3^2}{t^2} = \frac{9t^2}{3t^2} = \textcircled{3}$$

$$36. \frac{(ax^2)^{-1}}{a^{-2}x^{-2}} = \frac{a^{-1}x^{-2}}{a^{-2}x^{-2}}$$

$$\frac{a^2x^2}{ax^2} = \textcircled{a}$$

$$38. \frac{r^{-2}}{s^2} \left( \frac{1}{rs} \right)^{-2}$$

$$\frac{r^{-2}}{s^2} \cdot \frac{r^2s^2}{1^2} = \frac{r^0s^2}{s^2} = \textcircled{1}$$