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(10) $(n^8)^4 = \underline{\underline{n^{32}}}$ (11) $(n^4)^8 = \underline{\underline{n^{32}}}$ (12) $(c^2)^5 = \underline{\underline{c^{10}}}$ (13) $(q^{10})^{10} = \underline{\underline{q^{100}}}$

(14) $(w^7)^{-1} = w^{-7} = \underline{\underline{\frac{1}{w^7}}}$ (15) $(x^3)^{-5} = x^{-15} = \underline{\underline{\frac{1}{x^{15}}}}$ (16) $d(d^{-2})^{-9} = d(d^{18}) = \underline{\underline{d^{19}}}$

(17) $(z^6)^0 z^5 = 1 \cdot z^5 = \underline{\underline{z^5}}$ (18) $(a^5)^3 c^4 = \underline{\underline{a^{15} c^4}}$ (19) $(c^3)^5 (d^3)^0 = \underline{\underline{c^{15}}}$

(20) $(t^2)^{-2} (t^2)^{-5} = (t^{-4})(t^{-10}) = t^{-14} = \underline{\underline{\frac{1}{t^{14}}}}$ (21) $(m^3)^{-1} (x^2)^5 = m^{-3} x^{10} = \underline{\underline{\frac{x^{10}}{m^3}}}$

(22) $(4m)^5 = 4^5 m^5 = \underline{\underline{1024m^5}}$ (23) $(7a)^{-2} = 7^{-2} a^{-2} = \underline{\underline{\frac{1}{49a^2}}}$

(24) $(5y)^4 = \underline{\underline{3125y^4}}$ (25) $(12g^4)^{-1} = 12^{-1} g^{-4} = \underline{\underline{\frac{1}{12g^4}}}$

(26) $(3n^{-6})^{-4} = 3^{-4} n^{24} = \frac{n^{24}}{3^4} = \underline{\underline{\frac{n^{24}}{81}}}$ (27) $(2y^4)^{-3} = 2^{-3} y^{-12} = \underline{\underline{\frac{1}{8y^{12}}}}$

(28) $(xy)^0 = \underline{\underline{1}}$ (29) $(r^2 s)^5 = \underline{\underline{r^{10} s^5}}$ (30) $(2x)^3 x^2 = 8x^3 x^2 = \underline{\underline{8x^5}}$

(31) $(y^2 z^{-3})^5 (y^3)^2 = (y^{10} z^{-15})(y^6) = y^{16} z^{-15} = \underline{\underline{\frac{y^{16}}{z^{15}}}}$

(32) $(mg^4)^{-1} (mg^4) = (m^{-1} g^{-4})(mg^4) = m^0 g^0 = \underline{\underline{1}}$

(33) $p(p^{-7} q^3)^{-2} q^{-3} = p(p^{14} q^{-6})(q^{-3}) = p^{15} q^{-9} = \underline{\underline{\frac{p^{15}}{q^9}}}$

(34) $(3b^{-2})^2 (a^2 b^4)^3 = (9b^{-4})(a^6 b^{12}) = \underline{\underline{9a^6 b^8}}$

$$\textcircled{35} \quad c^{-12} (c^{-2} d)^3 d^5 = c^{-12} (c^{-6} d^3) d^5 = c^{-18} d^8 = \underline{\underline{\frac{d^8}{c^{18}}}}$$

$$\begin{aligned} \textcircled{36} \quad (2j^2 k^4)^{-5} (k^{-1} j^7)^6 &= (2^{-5} j^{-10} k^{-20}) (k^{-6} j^{42}) \\ &= 2^{-5} j^{32} k^{-26} \\ &= \frac{j^{32}}{2^5 k^{26}} \\ &= \underline{\underline{\frac{j^{32}}{32 k^{26}}}} \end{aligned}$$

$$\begin{aligned} \textcircled{37} \quad 4j^2 k^6 (2j^{11})^3 k^5 &= 4j^2 k^6 (8j^{33}) k^5 \\ &= \underline{\underline{32j^{35} k^{11}}} \end{aligned}$$