

Simplify. Your answer should contain only positive exponents.

1) $\frac{ba^3}{3a^2b^3}$

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

3) $\frac{a^0b^{-1}}{4ab^{-4}}$

4) $(y^{-2})^4$

5) $(x \cdot 2x^{-3})^4$

6) $m^4n^0 \cdot (n^3)^3$

7) $(4a^{-3}b^4)^3$

8) $(3a^4b^{-2})^3$

9) $\frac{(3r^2)^3}{r}$

10) $\frac{(2n)^3}{(3n^3)^2}$