Simplify. Your answer should contain only positive exponents.

1) $\left(\frac{4}{5}\right)^5 \cdot \left(\frac{4}{5}\right)^3$

7) $\frac{8rc^5}{4r^2c^3}$

2) $\frac{d}{d^4}$

8) $2c^5s^6 \cdot 9cs^2$

3) $7^3 \cdot 7^6$

9) $5c \cdot 7c^5$

4) $\frac{2y^6}{6y^5}$

10) $\frac{8z^4w^6}{9z^2w^5}$

5) $\frac{h^3}{h^5}$

11) $g \cdot g^6$

6) $\frac{9g^3}{8g}$

12) $6wd^4 \cdot 7w^6d^3$