

Answers:

1. $\frac{y^4}{x^4}$
2. $16x^{16}y^{20}$
3. k^{40}
4. w^{40}
5. $\frac{-1}{32}a^{10}b^{10}$
6. 1
7. $x^{12}y^{18}$
8. $\frac{1}{w^4z^4}$
9. 1
10. $8x^{12}y^{12}$
11. 1
12. x^3
13. w^2z^2
14. $\frac{1}{a^2}$
15. $\frac{x^{13}}{y}$
16. $\frac{1}{x^2}$
17. $\frac{-10z^{10}}{x^8}$
18. $\frac{81a^8}{b^{12}}$
19. $\frac{81}{16}$
20. $432xy^{20}$