Simplify.

1. m2 \* m5 =
2. c5 \* c4 \* c2 =
3. y3 \* y3 =
4. 5z3 \* z5 =
5. 6p8 \* 4p3=
6. b2 \* b =
7. d4 \* d3 \* d
8. x3 \* x \* x5 \* x4 =
9. (3xy2)(8xy4) =
10. p3 \* q4 \* q7 =
11. a9 ÷ a4 =
12. x21 ÷ x5 =
13. $\frac{10^{7}}{10^{3}}$
14. $\frac{13^{21}}{13^{7}}$
15. $ 10a^{12}÷5a^{3}$
16. $\frac{20x^{4}}{4x^{2}}$

Simplify.

1. (x4)3=
2. (y2)5=
3. (c3)2=
4. (22)8=
5. (36)7=
6. (569)20=
7. Complete each equation for the missing value:
8. (52)(55) = 5?
9. (127)(123) = 12?
10. (3-2)(35) = 3?
11. (49)(4-3) = 4?
12. (54)(5?) = 512
13. (107)(10?)(10-6) = 103
14. 34 ÷ 32 = 3?
15. = 5?
16.  = 9?
17. 124 ÷ 126 = 12?
18. 108 ÷ 10? = 103
19. = 24
20. Simplify.
21. (4m5)2=
22. (-4z2)3=
23. (a2b3)4=
24. (-2x2y3)5
25. (2x3)4=
26. (-3h3)5=
27. (-4b3)3=
28. (5a3)5=
29. (3x2y4)4=
30. (-j7)2=
31. 3-4=
32. (-4)-3=
33. 7-1=
34. (-3)-2=
35. 11m-5=
36. 2a-3=
37. 7s-4=
38. 7s-4t2=
39. n-5v2=
40. 5-2p-1