

Name _____



Date _____

Polynomials

Divide.

1. $(36x^4 + 72x^2 + 9x) \div 18$	2. $(30x^4 + 6x^2 + 30x) \div 6$
3. $(77x^4 + 66x^2 + 77x) \div 11x$	4. $(10x^4 + 4x^3 + 14x^2) \div 2x$
5. $(35x^9 + 56x^5 + 21x^3) \div 21x$	6. $(72x^9 + 36x^8 + 24x^4) \div 24x^2$
7. $(32x^8 + 56x^5 + 48x^2) \div 16x^3$	8. $(20x^{10} + 4x^8 + 16x) \div 12x^2$
9. $(-27x^9 - 24x^7 - 18x^6) \div 9x$	10. $(-12x^{11} + 18x^8 - 6x^2) \div 6x$
11. $(49x^{12} + 56x^{10} - 42x^3 + 14x) \div 21x^3$	12. $(-40x^{11} + 50x^8 + 90x^6 + 50x) \div 20x^3$
13. $(72x^{12} + 48x^7 - 56x^5 - 24x) \div 8x$	14. $(14x^{12} - 18x^9 + 6x^7 - 2x^2) \div 6x$
15. $(-12x^{12} + 108x^{11} - 36x^6 - 108x) \div 108x$	16. $(-36x^{11} + 36x^9 - 9x^7 + 9x^5 + 81x^3) \div (-45x^2)$
17. $(-51x^{11} + 36x^{10} + 21x^3 - 24x) \div 30x^{12}$	18. $(90x^{10} - 70x^8 - 15x^6 + 75x) \div (-50x^7)$
19. $(-48x^8 + 144x^6 - 144x^4 - 112x) \div (-24x^{10})$	20. $(-90x^9 + 72x^7 + 78x^5 + 30x^3) \div 30x^{10}$

Enter answers
in text boxes.