The number i

Name _____ Date _____

1. $i^{21} =$ _____

2. $\sqrt{-108} \cdot \sqrt{-3} =$ _____

3. $i^{41} =$ _____

4. $\sqrt{-9} =$ _____

5. $\sqrt{-2} \cdot \sqrt{-18} =$ _____

6. $i^{17} =$ _____

7. $i^{16} =$ _____

8. $i^{48} =$ _____

9. $\sqrt{-25} =$ _____

10. $\sqrt{-9} \cdot \sqrt{-16} =$ _____

11. $\sqrt{-108} \cdot \sqrt{-48} =$ _____

12. $\sqrt{-12} \cdot \sqrt{-75} =$ _____

13. $\sqrt{-12} \cdot \sqrt{-12} =$ _____

14. $i^{20} =$ _____

15. $i^{26} =$ _____

16. $\sqrt{-18} =$ _____

17. $\sqrt{-9} =$ _____

18. $\sqrt{-108} =$ _____

19. $\sqrt{-12} =$ _____

20. $i^{44} =$ _____

The number i

21. $i^6 =$ _____

22. $\sqrt{-36} \cdot \sqrt{-4} =$ _____

23. $\sqrt{-32} \cdot \sqrt{-50} =$ _____

24. $\sqrt{-2} \cdot \sqrt{-72} =$ _____

25. $\sqrt{-63} =$ _____

26. $\sqrt{-49} =$ _____

27. $\sqrt{-3} \cdot \sqrt{-108} =$ _____

28. $\sqrt{-128} =$ _____

29. $\sqrt{-147} =$ _____

30. $\sqrt{-12} =$ _____

31. $\sqrt{-98} =$ _____

32. $\sqrt{-75} \cdot \sqrt{-12} =$ _____

33. $\sqrt{-5} =$ _____

34. $\sqrt{-36} =$ _____

35. $\sqrt{-4} \cdot \sqrt{-36} =$ _____

36. $i^{22} =$ _____

37. $\sqrt{-96} =$ _____

38. $\sqrt{-9} =$ _____

39. $\sqrt{-3} =$ _____

40. $\sqrt{-8} =$ _____