



## §1 Sunday, 08/02/20 Lesson Printable

### §1.1 Squares Ending in 5 Problems

1. 25% of 25 = \_\_\_\_\_
2.  $.35 \times 3.5 =$  \_\_\_\_\_
3.  $12^2 + 2 \times 12 \times 13 + 13^2 =$  \_\_\_\_\_
4.  $(115)^2 =$  \_\_\_\_\_
5.  $f(x) = 9x^2 - 12x + 4$ ,  $f(19) =$  \_\_\_\_\_
6. **45% of 45 – 45 =** \_\_\_\_\_
7.  $(*) 12^4 =$  \_\_\_\_\_
8.  $505 \times 505 =$  \_\_\_\_\_
9. A square has an area of 12.25 sq. cm. It's perimeter is: \_\_\_\_\_

### §1.2 Exponents of Large Numbers Problems

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|----------------------------|----------------------------|----------------------------|
| 1. What is $319^{916}$ ?   | 13. What is $677^{-581}$ ? | 25. What is $384^{226}$ ?  |
| 2. What is $528^{-242}$ ?  | 14. What is $756^{-819}$ ? | 26. What is $860^{-41}$ ?  |
| 3. What is $295^{-854}$ ?  | 15. What is $280^{-23}$ ?  | 27. What is $133^{-691}$ ? |
| 4. What is $321^{521}$ ?   | 16. What is $533^{113}$ ?  | 28. What is $818^{496}$ ?  |
| 5. What is $621^{-890}$ ?  | 17. What is $921^{799}$ ?  | 29. What is $493^{-215}$ ? |
| 6. What is $228^{275}$ ?   | 18. What is $117^{-16}$ ?  | 30. What is $319^{-770}$ ? |
| 7. What is $509^{942}$ ?   | 19. What is $227^{61}$ ?   | 31. What is $614^{-211}$ ? |
| 8. What is $316^{-64}$ ?   | 20. What is $229^{414}$ ?  | 32. What is $619^{-176}$ ? |
| 9. What is $181^{360}$ ?   | 21. What is $625^{-99}$ ?  | 33. What is $517^{589}$ ?  |
| 10. What is $493^{-337}$ ? | 22. What is $703^{343}$ ?  | 34. What is $776^{372}$ ?  |
| 11. What is $602^{-498}$ ? | 23. What is $584^{-971}$ ? | 35. What is $831^{798}$ ?  |
| 12. What is $286^{803}$ ?  | 24. What is $389^{-455}$ ? | 36. What is $982^{-467}$ ? |

37. What is  $318^{-517}$ ?38. What is  $510^{99}$ ?39. What is  $596^{531}$ ?40. What is  $805^{934}$ ?41. What is  $503^{-363}$ ?42. What is  $573^{678}$ ?43. What is  $237^{-489}$ ?44. What is  $863^{91}$ ?45. What is  $129^{-194}$ ?46. What is  $605^{-624}$ ?47. What is  $513^{500}$ ?48. What is  $788^{537}$ ?49. What is  $121^{834}$ ?50. What is  $228^{-255}$ ?