

Lesson 4.1 Video HW

Watch and record all developed examples from the following 2 videos:

(1) <http://www.youtube.com/watch?v=O6cgOec7z58> (integral (+,-) exponents)

(2) <http://www.youtube.com/watch?v=KrNj8fM2hYc> (+ve & -ve exponents)

Then complete the following worksheet, without using a calculator

Exponents - Evaluate to a single number – NO CALCULATOR.

1. 6^3	2. 5^0	3. 5^2
4. 2^3	5. 4^0	6. 3^2
7. 9^{-2}	8. $(-9)^0$	9. 12^{-4}
10. 12^3	11. $(-10)^4$	12. $(-7)^0$
13. $(-0.6)^{-3}$	14. 0.11^{-1}	15. 0.02^{-2}
16. 0.2^{-3}	17. $(-5)^{-1}$	18. $\left[\frac{3}{4} \right]^2$
19. 0.8^2	20. $\left[\frac{-8}{9} \right]^2$	21. 0.07^{-3}
22. $(-0.3)^{-2}$	23. $\left[\frac{-3}{4} \right]^{-1}$	24. 0.1^4
25. $\left[\frac{-1}{2} \right]^2$	26. $\left[\frac{-1}{7} \right]^1$	27. $\left[\frac{-4}{6} \right]^3$
28. 0.8^4	29. 8^{-2}	30. $(-0.04)^{-3}$
31. 0.2^{-1}	32. 6^2	33. $\left[\frac{-2}{8} \right]^3$