

Answer Key: Valley Forge Invitational 2011 School _____ Schl # _____

1. Name: Perseus A Hubble Class: E0
2. Name: NGC2623 Classify the DSO: merger
3. Name: Bullet cluster Classify the object: cluster
4. Name: Stephan's Quintet Classify the object cluster
5. Name: Cen A Classify the object: _____
6. Name: MACSJ0717.5+3745 Classify the object: 4 cluster collision

7. WIMPs

8. halo

9. 1000

10. 100,000

11. Messier

12. Cepheid Period Luminosity relation

13. LMC

14. H-Fusion

15. 3.1×10^{41} kg

16. 5.6×10^7 ly

17. First method 3.9×10^9 2nd Method 0.92×10^9

EC Why are these values probably different?