

Neptune Week 12 Answers

Literacy		
Core Targets for All Writing		Olympic Sports Challenge
<ul style="list-style-type: none"> • With increasing independence, spell all commonly used words correctly by applying prior knowledge of spelling rules and strategies - LIT 2-21a • With increasing independence and accuracy, spell less commonly used and technical words - LIT 2-21a • Confidently and accurately use a wide range of punctuation - LIT 2-22a • With increasing confidence, use more complex sentence structures - LIT 2-22a • Accurately use paragraphs to separate ideas/events - LIT 2-22a • Use a wide variety of conjunctions/connectives to link ideas and join sentences - LIT 2-22a • With increasing accuracy and independence proofread and edit writing - LIT 2-23a • Use linked, legible handwriting to present work attractively using appropriate forms of layout - LIT 2-24a 		<ol style="list-style-type: none"> 1. Aquatics 2. Archery 3. Badminton 4. Baseball and Softball 5. Basketball 6. Boxing 7. Canoe/Kayak 8. Cycling 9. Equestrian 10. Fencing 11. Football 12. Golf 13. Gymnastics 14. Handball 15. Hockey 16. Judo 17. Karate 18. Modern Pentathlon 19. Rowing 20. Rugby 7s 21. Sailing 22. Shooting 23. Skateboarding 24. Sport Climbing 25. Surfing 26. Table Tennis 27. Taekwondo 28. Tennis 29. Track and Field 30. Triathlon 31. Volleyball 32. Weightlifting 33. Wrestling

Numeracy			
Fractions to Percentages 1) $92/100 = 92\%$ 2) $40/100 = 40\%$ 3) $95/100 = 95\%$ 4) $60/100 = 60\%$ 5) $72/100 = 72\%$ 6) $56/100 = 56\%$ 7) $70/100 = 70\%$ 8) $93 / 100 = 93\%$	EIGHT eights 1. $(8+8) \times 8 + 888 - 8 - 8 = 1000$ 2. $(88 \div 8) \times 8 + 8 + 8 + 8 + 8 = 1000$ 3. $(8 + 8) \times 8 \times 8 - 8 - 8 - 8 = 1000$	Olympics – Triple Jump 1) $18.29\text{m} - 18.09\text{m} = 0.20\text{m} = 20\text{cm}$ 2) $15.50\text{m} - 15.39\text{m} = 0.11\text{m} = 11\text{cm}$ 3) 25 years ago 4) Male Olympic record was set 24 years ago, Female Olympic record was set 12 years ago 5) Male world record was 6.71m shorter than Kelso Pool, Female World record: 9.50m shorter, Male Olympic record: 6.91m shorter, Female Olympic record: 9.61m shorter 6) $18.29\text{m} = 18\text{m } 29\text{cm} = 1829\text{cm} (18290\text{mm})$ $15.50\text{m} = 15\text{m } 50\text{cm} = 1550\text{cm} (15500\text{mm})$ $18.09\text{m} = 18\text{m } 9\text{cm} = 1809\text{cm} (18090\text{mm})$ $15.39\text{m} = 15\text{m } 39\text{cm} = 1539\text{cm} (15390\text{mm})$	Medal Muddle 1.Russia 2.France 3.Algeria 4.Serbia 5.Turkey 6.Greece 7.Portugal 8.Mexico 9.Venezuela 10.Italy 11.New Zealand 12.Spain 13.Romania Further explanation can be found on the NRich solution page below: https://nrich.maths.org/661/solution
Other			