

Student Name: _____

Grade: _____ Date: _____



1. At Sydney's Luna Park, vandals stole 6 of the teeth from the huge mouth that forms the entrance to the game park. If the "face" had 20 teeth before the theft, what percentage of the teeth remained?



2. Prince George of Cambridge, a future King of England, turned 3 years old last week (his dob is 22/7/2013). He began walking at the age of 11 months. For how many months has he been able to walk?



3. Recent research about children's homework times showed the following were "normal" times per week for homework: Girls – 4 hours 25 mins; Boys – 3 hrs 35 mins; No sibling – 4 hrs 25 mins; three siblings or more – 3 hrs. Show this information clearly on a graph.

4. Taylor Swift and Kanye West are in another argument on Twitter. If 25% of Taylor Swift's 79.7 million Twitter followers agree with her, and 90% of Kanye West's 24.4 million Twitter followers agree with him, who has more people agreeing with them (and by how many people)?

5. Building a new underground railway line, 150 semi-trailers carted away soil each and every hour for the first 10 days of excavation. How many semi-trailer loads was that altogether?



6. Australia beat Sri Lanka in cricket on Wednesday, with Stephen O'Keefe taking 10 wickets to let the team win by 162 runs. How many 4s would Sri Lanka have needed to hit to win (not tie) the game?



7. The Australian Outback Marathon is on 30th of July in the Northern Territory. A Marathon is 42km long. Winning time last year was 3 hours 7 mins 32 sec. The person in last place had a time of 8 hours 3 mins 5 sec. What was the time difference between the first and last runner (to the nearest second)?

8. **Open-ended Question:** At a festival, for "finger food" a catering company will charge \$19.50 per head if there are 50 people attending. They will charge \$16 per head if there are 150 people. Given those prices (which are real!), what do you think they may charge per head if they are catering for 120 people at the festival? Explain how you arrived at that answer?



ANSWERS – EdShop Worded Maths Extension Worksheet EW 27 16

1. 70% remained
2. 25 months
3. Various graphs
4. Taylor: 19,925,000 Kanye: 21,960,000 Difference: 2.035,000
5. 36,000 loads
6. 41 fours
7. 4 hours 55 minutes 33 seconds
8. Various answers