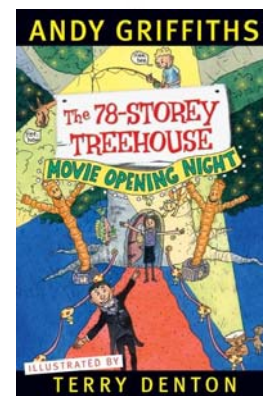


Student Name: _____

Grade: _____ Date: _____



1. Andy Griffiths' new book, "The 78-Storey Treehouse", released last week, is the fastest selling Australian book ever. At one bookstore chain, 3,000 copies were sold on the first day – August 9th, reduced from RRP \$14.99 to just \$10.50. How much did the bookstore lose by reducing the price? Why did they do it, do you think?
2. If a runner in the Olympic Games can run 100 metres in exactly 10 seconds, what is his speed in metres per second?



3. "Pokemon Go" earned \$200 million in its first month of being played. If this amount **DOUBLES** each month in its first 6 months, how much will it have made altogether by the end of the 6th month?
4. A new song by Calvin Harris and Rihanna has been in the ARIA chart for 14 weeks. The song lasts 3 minutes 41 seconds. If Barb plays it 5 times a day, how long has she listened to it in total since it was in the charts?
5. Father's Day is on 4th September. One gift you can make is a "Dad's Job List" pad. It costs \$15 per pad on eBay, but if you make it yourself you'll save **HEAPS!** Your Dad may like it better if you change the heading to "Dad's List of Fun Things to Do". If **YOUR** version costs \$3 to make, what fraction of the eBay price have you **SAVED**?
6. The water in the Olympic diving pool has been turning green! If the pool measures 20m x 20m x 5m, and the water turned green between midnight and 6am, how many cubic metres per hour had turned green (to the nearest m³)?
7. How many 2 centimetre cubes can be packed in a rectangular box that measures 12 cm by 8 cm by 6 cm?
8. Freddie sits in the middle of his classroom. The number of desks in each row is the same. He has 2 desks in front, behind and on either side of him. How many desks in the room?



9. An author we know starts writing each morning at 6 am, and writes continuously for 3 hours at an average speed of 10 words per minute. Her publisher wants her books be 180,000 words long. At that rate, for how many 3-hour days would she work on each book?

10. **Open-ended Question:** The answer is 2¼ tonnes. What might the question be? Write it down.

ANSWERS – EdShop Worded Maths Extension Worksheet EW 30 16

1. \$13,470
2. 10 metres/second
3. \$12,600 million = \$12.6 billion
4. 1,804 hours 50 minutes
5. Saved $12/15 = 4/5$
6. 333 m^3 per hour to nearest m^3
7. 72
8. 25 desks
9. Various answers