

Student Name: _____

Grade: _____ Date: _____



1. "**The SIMPSONS**" is now celebrating 600 episodes. If each of those episodes had a running time of exactly 25 minutes, how many weeks, days, hours and minutes do those episodes total?
2. A ticket to Justin Bieber's Australian concerts in General Admission costs \$181, while a ticket to the VIP section costs \$1,600. How much more would a family of 4 have to pay to sit in the VIP seats, rather than the lower-priced seats?
3. In the TV show "**GIGGLE and HOOT**", each episode lasts 2 minutes. If 40% of the show is a song and the rest is spoken script, what is the length of the spoken script?



4. Christmas is coming, and the latest craze for young children is Barbie Dolls that are made to match their owner's hair style and colour, eye colour, skin colour, body shape and clothing. Both Barbie and Ken are available. If they sell for \$78, how many children could have their personal look-alike Barbie or Ken doll made for \$500?

5. A solar energy company is offering to supply and install 12 solar panels for \$3,441. And their special offer is that for an additional \$7 total, they will add another 4 panels. If Joy's family buy all 16 panels, what is the average price per panel?



6. In Sydney there's currently a charity effort called "**Abseil for Youth**", which asks young people to rope down the side of a 33 storey, 135 metre-high tall building! If \$10 is donated for each storey climbed down, how much would that be per metre?

7. The series "**Doodles**" takes kids' drawings and turns them into fun cartoons, but it takes a lot of work to get them that way! If each episode uses 10 kids' drawings and it takes 5 hours to animate each of those, how long does it take to create a 23-episode season (in days and hours)?



8. **Open-ended Question:** Part of the bones of a new species of dinosaur have been found buried near Winton, Queensland. Estimated height was 5.8 metres, with hips 1.5 metres wide and total length 15 metres. What COULD be the dimensions of a glass display case in the shape of a rectangular prism? Give 3 possible answers.

ANSWERS – EdShop Worded Maths Extension Worksheet EW 40 16

1. 10 days 10 hours
2. \$5,676 more
3. 72 seconds of spoken words
4. 6 dolls
5. \$215.50
6. \$2.44 per metre
7. 47 days 22 hours
8. Various answers