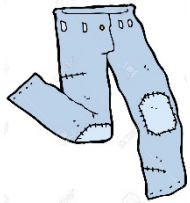


Student Name: \_\_\_\_\_

Grade: \_\_\_\_\_ Date: \_\_\_\_\_



1. In the 2016 "*le Tour de France*" bike race, Stage 11 of the race covered 162.25 km. How much shorter is Stage 11 than Stage 10, which was 196 km long?



2. "Jeans for Genes" Day is coming up on 5<sup>th</sup> August. In Meg's class there are 30 students. If 20% of Meg's class each get 8 sponsors to donate 50 cents per kilometre for each kilometre they jog in their jeans, and they each jog 4 kilometres, how much money is raised for the charity?

3. If Delta Goodrem (177cm tall) stood next to the Veronicas (140cm and 147cm tall), how tall would their microphone stands need to be in total if their mouths are at 80% of their heights?



4. Portugal won the Euro 2016 tournament final against France this week, but the final was invaded by migrating moths! If there were 48,768 people in the crowd, half of them bought a drink, and  $\frac{1}{8}$ <sup>th</sup> of those drinks had a moth in them, how many drinks had moths in them?

5. A rectangular photograph of Australia's Olympic flag-bearer Anna Meares measures 3 cm wide by 4 cm long. If it was enlarged on a photocopier so that the copy is 12 cm long, how wide would the copy be? And what would be the difference in AREA between the original and the copy?



6. British Tennis champ Andy Murray, who won the 2016 Wimbledon Championship last week, is the proud father of a 5-month-old baby, named Sophie. If the baby was born on 1 February, 2016, how many days old will she be on August 1<sup>st</sup> including the first and final days?

7. Joe's dad wants to buy a used holiday vehicle. There are 4 for sale, priced at \$52,990, \$58,990, \$69,990 and \$79,990. What is the average price of these four vehicles?



8. The temperature in ACT one day last week went from  $-4^{\circ}\text{C}$  at 3 am to a maximum of  $8^{\circ}\text{C}$  at 4 pm. How much did it increase each hour, on average?

9. **Open-Ended Question:** A recent survey found that 9 out of 10 food companies are sponsoring children's sports teams of one sort or another. What percentage is that? Is this a good thing, or a bad thing, or a bit of both? Write 2 sentences to give your opinion, and reasons for that opinion.

## ANSWERS – EdShop Worded Maths Extension Worksheet EW 26 16

1. 33.75 km
2. Total of \$96
3. 371.2 cm
4. 3,048 cans
5. Width = 9 cm, DIFFERENCE in area = 96 cm (108 – 12) cm
6. 183 days old (Remember that 2016 is a LEAP year!)
7. Average of \$65,490
8. 0.92 degrees per hour
9. Various answers