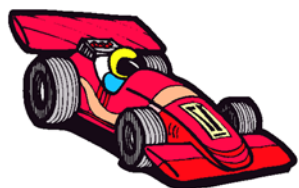**EdShop.net.au**

1. Lachlan Smart is just 18 years old, but he has managed to fly a plane solo around the world! The trip was 45,000 km long, and lasted for 54 days. If he flew at an average speed of 160 kilometres per hour for 15 hours each day, stopping for rest and fuel, how far did he travel on an average day?

2. The three numbers missing from these boxes are all prime numbers. What are those numbers?   __ x __ x __ = 385

3. Father's Day presents don't always work out. Jodie's Father was given a CD of jazz music. The CD cost $28.50. But he already had that CD, so he returned it to the store, which deducted 10% of the price for handling, and gave him a credit for the rest. How much was the credit did he receive?

HAPPY FATHER'S DAY

4. The Australian Olympic Team won a total of 8 gold, 11 silver, and 10 bronze medals. Of those, swimming medals accounted for 3 gold, 4 silver, and 3 bronze medals. What **PERCENTAGE** of Australia's total number of medals came from other sports (to two decimal places)?

5. In the Belgian Grand Prix this week, Nico Rosberg won the race with an average speed of 283km/h, and a total time of 1h 45m. Using these units, what would the total distance of the race have been (in km)?

6. For Father's Day, Anne's Dad received a fantastic drone, that cost the family $695. Unfortunately, while learning to fly the drone for just 40 minutes, her dad crashed it into the chimney, totally destroying his present. What was the cost per minute of enjoyment for her dad? Was it worth it, do you think?

7. Some Greenland Sharks live to be 400 years old, making them the longest-living vertebrates in the world! The swimming distance from Greenland to Australia is 15,000 km, and this shark (which is slow!) swims at an average 2.5 km/h. How long would it take for it to swim that distance?

8. <u>Open-ended Question:</u> At a Grand Final, the half-time period is 25 minutes. 3 bands take part in the entertainment, and two of the bands take exactly equal times to perform. The third band is allowed twice as long as each of the others. One minute is allowed between the 3 acts. How long can each band spend performing? Is that close to the time allowed?

Extension,
Multiple Intelligences,
Australian Primary School levels

ANSWERS – EdShop Worded Maths Extension Worksheet EW 33 16

1. 2,400 km per average day
2. The numbers are 11, 7 and 5 – 11 x 7 x 5 = 385
3. $25.65 credit
4. 65.52%
5. 495.25 km
6. $17.38 per minute
7. 6,000 hours
8. Various answers