

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

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

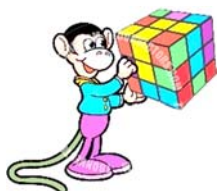


1. According to the United Nations, half of the world's population now can go online with computers. The world's population is now 7.4 billion people. So, write the number of people who do NOT have access to an online computer. (Answer in figures.)



2. "Cabbage Patch Kids" dolls sell for \$90 on eBay. They are 36 cm tall. If the makers produced a SMALLER Cabbage Patch Kid that was just 24 cm tall, for how much would they probably sell it? (*Discuss with friends!*)

3. Benny bought a 4-litre carton of vanilla ice cream, and 20 ice cream cones. If he wants to use up all the ice cream in those cones, how many millilitres of ice cream must go in each cone?



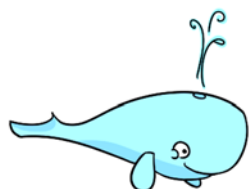
4. Can you believe this? A robot can solve a Rubik's Cube in just six-tenths of a second. At that rate, how many times could that robot solve the Rubik's Cube in one minute?

5. Last Friday was "Black Friday" – a day full of deals. If Tony bought a video game on Black Friday that was normally \$70, but he got a 70% discount, much did he actually pay for the game?



6. In the "Movie Reviews" page of a newspaper last week, there were 3 MA movies mentioned, 8 M-rated movies, 2 PG-rated movies and just 1 G-rated movie. Show these results clearly on a bar graph.

7. In "Twenty20 Cricket" last Sunday, James Pattinson scored 137 runs off 64 balls. Cameron White holds the record. He scored 143 runs off 63 balls. Find the difference in AVERAGE runs per delivery?



8. A pod of whales was sighted again in South Australian waters recently. There were 12 whales spotted last year, and 23 this year. Draw a line graph to show this, and use the graph to try to predict how many whales there may be in that area in the year 2017, if the rate of increase continues.

9. **Open-ended Question:** The OXFAM charity suggests that, to help others at Christmas, we should be giving needy families overseas either a GOAT (value: \$39) or a SHEEP (value: \$150). Angela's school raised \$1,000 through a fund-raiser. How many goats and how many sheep COULD they donate, using most of the money? Give 3 possible answers. Which answer is best, do you think?

## ANSWERS – EdShop Worded Maths Extension Worksheet EW 46 16

1. 3.7 billion = 3,700,000,000
2. \$60 (or probably more!)
3. 200 ml
4. 100 times in 1 minute (Unbelievable!!)
5. \$21
6. Various graphs
7. Averages were: James – 2.14; Cameron – 2.27 so the difference is 0.13
8. Approximately 40 (it's ALMOST doubling!)
9. Various answers