

Student Name: _____

Grade: _____ Date: _____



1. The new computer game called "Disney Crossy Road", is based on the old "Crossy Road". It has 4 classes of character – classic, rare, epic and legendary. How many combinations of 2 of these character levels can you make? (Oh, yes ... it's FREE!)



2. Sales of Barbie Dolls have gone down by 3% in the past year. A toy store expected to sell 1,500 Barbies in the past 12 months. If the number of Barbies sold was 3% less, how many did they actually sell?

3. How far will a car go on $\frac{5}{8}$ of a tank of petrol if the car travels 7 km per litre, the fuel tank is full, and the tank holds 64 litres of fuel?



4. A tooth from the fossil of an ancient whale was found on a suburban beach last February (2016). The whale tooth is 30 cm long. The whale is estimated to have been 18 metres long. An adult human's tooth usually measures about 16mm. Show on a graph the length of a human tooth, compared to the length of this whale's tooth.



5. Amazingly, the last days of the popular Xbox 360 game console have come. Microsoft said it had sold 80 million Xbox 360 units since its launch in 2006. On average, how many sales of the Xbox 360 did they sell each year?



6. The Olympic Torch for the 2016 Olympic Games in Rio de Janeiro, Brazil left Olympia, Greece on 21st April, in readiness for the official opening on 5th August. How many FULL days between those two dates?

7. "The Angry Birds Movie" will be released in cinemas on May 12th, with a special deal of "Adults at Kids' Prices". If a theatre has 250 seats, and at the first screening of Angry Birds it's a full house, and 20% are adults, how many children will be in the theatre for that screening?



8. Australia usually has an average of 11 cyclones during the "tropical cyclone season", which is from November 1 to April 30. This cyclone season, though, there have been just 3 cyclones so far. Find the percentage of this year's cyclones (to 1 dec. place) to the normal number.

9. **Open-Ended Question:** 2 adults and 4 children went to the movies. They spent \$140 on tickets. How much might the adults' and children's tickets cost?

ANSWERS – EdShop Worded Maths Extension Worksheet EW 14 16

1. 6 combinations
2. 1,455 Barbies
3. 280 km
4. Various graphs
5. 8,000,000
6. 105 full days
7. 200 "Kids"
8. 27.3%
9. Various answers