

Student Name: _____

Grade: _____ Date: _____



1. At a recent electronic gadgets show, there were 20,000 mind-blowing gadgets on display. If just 5% of them ever make it successfully into the shops, how many will NOT be successful?



2. On a list of most popular brands in Australia, researched recently, Google topped the list. Second was Microsoft, third was Apple, fourth was Facebook and fifth was Coles Supermarkets. Draw a pie chart that clearly shows YOUR PERSONAL USE of these 5 brands, by dividing the "pie" up to reflect YOUR use of them.

3. In New South Wales, there are around 900 beaches (most of them are beautiful!). Of those beaches, just 20% are patrolled by volunteer lifesavers. How many NSW beaches are NOT patrolled by lifesavers?



4. In the live show "The Sound of Music" playing in Melbourne, the poster shows a photo that includes 2 adults and 7 children. What fraction of the people in that photo are older than 21 years of age?

5. A packet of Tim Tams has 9 biscuits in it, with each biscuit having 400 kilojoules. If you ate a whole packet of Tim Tams and wanted to use up all the kilojoules you put on from it, and riding a bike has you using 55 kilojoules per minute, how long do you need to ride for (rounded to 2 decimal places)?

6. A video game conference will be held this week in Los Angeles. If there are 250 games shown, and you want to spend 12 minutes checking out each game, how long would you need to see them all?

BRINGING
GAMES TO LIFE

7. Repairing damage to properties along the NSW coastline as a result of the recent storms is expected to total around eighty million dollars. If insurance companies pay out 65% of this amount, how much will this be?



8. 13% of people buying a NEW car said they would NOT buy a car that did not have an internet connection. If there were 6,500 people buying new cars, then, how many WOULD consider buying a car WITHOUT the internet connection?

9. Open-Ended Question: Jane's mum got a box of chocolates for her birthday. The volume of the box was $1,248 \text{ cm}^3$. What could be the length, width and height of the box?

ANSWERS – EdShop Worded Maths Extension Worksheet EW 21 16

1. 19,000 unsuccessful
2. Various pie graphs
3. 720 beaches are not patrolled by lifesavers
4. $\frac{2}{9}$
5. 7.27 minutes
6. 50 hours
7. \$52,000,000
8. 5,655 people
9. Various answers