EdShop.net.au

Student Name: _____ _____

Grade: _____   Date:_____

1. The latest Harry Potter book "**Harry Potter and the Cursed Child**" was for sale on special at just $15. The "normal" price is $45. What percentage of the "normal price" is the special price?

2.   The opening Ceremony of the 2016 Olympics began at 9 am on Saturday 6th August. However, if they began 2/3 of an hour late, and the ceremony lasted 3.2 hours altogether, at what time did it finish?

3. The Australian Census is being held on Tuesday night of this week – August 9th. If Australia's population is made up of 24 million people, and 23% of them are in separate households, how many of households will be filling in the Census form?

4. The Reserve Bank has dropped interest rates to the lowest they've ever been in Australia! If Jane has an interest-only loan of $10,000 at 4% interest per year, how much interest would she pay over 2 full years?

5.   On **Masterchef**, the contestants needed to make a dessert that looked like a boiled egg, taking 100 different steps to make it! If each step took each contestant 45 seconds to do, how long did it take each of them to make their desserts (in hours, minutes, and seconds)?
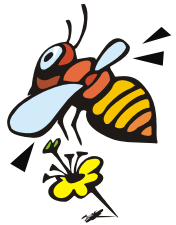
6. The singer "Major Lazer" has a new song called "**Cold Water**" with Justin Bieber and MØ, and it was number one on the ARIA chart this week. If the song sold 10,000 copies and costs $1.99 per copy, how much do each of the 3 artists get if they split the profit evenly?

7.   The new Harry Potter book "**Harry Potter and the Cursed Child**" at one book shop had a line of customers 140 metres long! If each person lined up took 40 cm of room, how many people were in the line?

8. It takes 22,700 bees to fill a 500 gram jar of honey. At that rate, how many bees would it take to fill jars containing 3½ kilograms of honey?

9.   **Open-Ended Question:** Allie was picking pumpkins. She picked one pumpkin on the first day. She picked two pumpkins on each of the next two days. Then Allie picked three pumpkins for three days. Next she picked four pumpkins a day for four days, and so on. If she continues this pattern, on what day will she first pick 6 pumpkins? Explain how you got your answer to a friend.

1. 33 and 1/3 percent
2. 12.52 pm
3. 5,520,000
4. $800 interest on the loan
5. 1 hour 15 minutes
6. They get $6633.33 each
7. 350 people
8. 158,900 bees
9. Day 16