Teacher Name: Ambreen Badar Class: 7 Subject: Mathematics Date: 27th January 2017

Topic: Percentages

**Q1: The price of a car is $4600. The price is reduced by 15%.**

1. **What is the price reduction?**
2. **Find the new price of a car?**

**Q2:a) Find the 12% of 30.**

1. **Increase 30kg by 12%.**
2. **Decrease 30cm by 12%.**

**Q3: a) Find 95% of 2000.**

 **b) Increase 2000 people by 95%.**

 **c) Decrease 2000hours by 95%.**

**Q4: The usual mass of the dried fruit bag is 500gm. What is the mass if an extra 25% is**

 **added?**

**Q5: The river Indus is about 3200km long.**

1. **The Mississippi is about 19% longer than the Indus. How long is the Mississippi?**
2. **The Rhine is about 62% shorter than the Indus. How long is the Rhine?**

**Q6: There are 1225 students at a university college. 43% are studying science and**

 **engineering, 7% own a car, 82% say it is a good college. How many students is**

 **that in each case?**

**Q7: The population of India is about 1200 million. This table shows how many people**

 **follow some different religions in India.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Religion** | **Hindu** | **Muslim** | **Sikh** | **Other** |
| **Percentage %** | **83** | **11** | **2** | **4** |

**Work out the number of Hindus, Muslims and Sikhs in India.**