Teacher Name:Ayesha Maqsood Class:9th Subject: Mathematics Date: 7thSep’18

Q1. Make ‘x’ the subject of the given formulae:

1. $1-\frac{1}{x}$
2. $y=\frac{x+1}{x-1}$
3. Y=$1-\frac{1}{x-1}$
4. $\sqrt{x+1}=a$
5. $\sqrt[3]{x}-a=1$
6. $\frac{a(x+b)}{c}=d$
7. $\frac{x}{a}+\frac{y}{b}=\frac{xy}{ab}$
8. V2 = w2 (a2$–$ x2)

Q2. Do as directed.

* 1. Write 237400 correct to two significant figures.
	2. Evaluate 0.4 $×$0.2
	3. Write 3% as a fraction.
	4. Work out 90 - 16 $÷$2
	5. Factorize 2ac $–$ 3bc $–$ 6bd + 4ad
	6. $360 is shared in the ratio 3 **:** 5.Calculate the difference between the larger share and the smaller share.