Q1 Natural Numbers (BEMDAS) - Evaluate each of the following:

i. $5+3\times4$	ii. $16-4+3\times9$
iii. $5\times8-6+36\div3$	iv. $15\div(7-4)+12$
v. $(3+5)\times2-3^2$	vi. $2^2+\sqrt{16}+5^3\div5$
vii. $5+2(3-1)^3$	viii. $(5+2)\times(3+1)^2$
ix. $\dfrac{3(5-2)^2-3(4\div2)^2+5(3)^3}{(5-2)^2+1}$	x. $\dfrac{7(6-2)^2+3(10\div2)^2+3}{(8-3)^2-6}$

Q2 Integers (BEMDAS) - Evaluate each of the following:

a) **$-6+2+5-1-8$**

b) **$10-13-4-3+10$**

c) $-6\ (-3)$

d) $-8 \div 4$

e) $6\ (-2) - 5\ (-3) - 3$

f) $3\ (-2)^2 - 5(-2) - 20$

g) $(16 - 4) \div 2 + 5 \times (-4)$

Question 3: Number

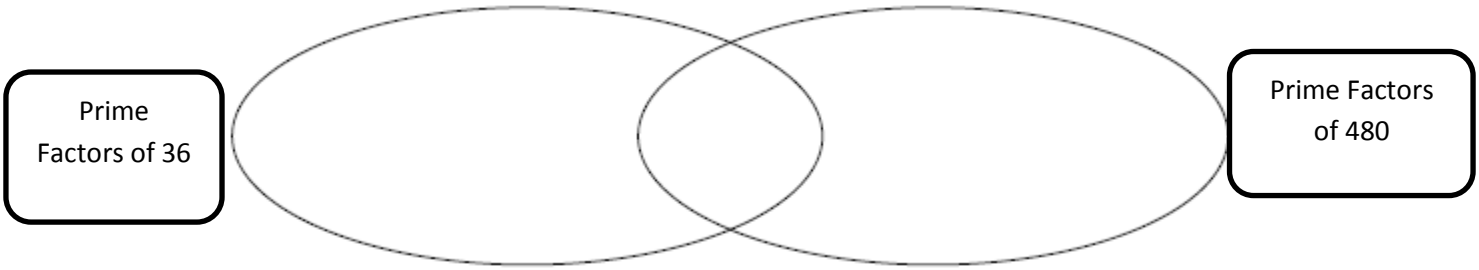
(a) Write down all the divisors of 24.

(b) Write down the first 5 multiples of 14.

(c) Write down the prime factors of 36.

(d) Write down the prime factors of 480

(e) Complete a Venn diagram to show the prime factors of 36 and 480.



(f) Hence write down the highest common factor (HCF) of 36 and 480.

(g) Hence write down the lowest common multiple (LCM) of 36 and 480.