



Printable Assessments CAMI Maths: Grade 9

Number System

1. Complete the given table.

Number	\mathbb{N}	\mathbb{N}_0	\mathbb{Z}	$\mathbb{Q}(\text{Ras})$	$\mathbb{Q}(\text{Iras})$
$(-4)^2$					
$\frac{0}{6}$					
$\sqrt{11}$					
$\sqrt{25}$					
$-\frac{2}{5}$					

2. Determine the HCF of the following numbers.

$$100n^2y ; 110n^4y^5 ; 120n^3y^5$$

3. Determine the LCM of the following numbers.

3.1 $2r^5 ; 4r^2 ; 8r^2$

3.2 $3e^2x^4 ; 6e^2x^5 ; 7e^4x^4$

4. Round the following number off to the nearest

4.1 hundred thousand : 5 771 373

4.2 nearest five: 1 871 666



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MEMO

1. Complete the given table.

[1.8.6.1; 1.8.6.2]

Number	\mathbb{N}	\mathbb{N}_0	\mathbb{Z}	$\mathbb{Q}(\text{Ras})$	$\mathbb{Q}(\text{Iras})$
$(-4)^2$	✓	✓	✓	✓	✗
$\frac{0}{6}$	✗	✓	✓	✓	✗
$\sqrt{11}$	✗	✗	✗	✗	✓
$\sqrt{25}$	✓	✓	✓	✓	✗
$\frac{-2}{5}$	✗	✗	✗	✓	✗

2. Determine the HCF of the following numbers.

[4.7.1.3 ; 4.7.1.4]

$$100n^2y ; 110n^4y^5 ; 120n^3y^5$$

$$\text{HCF} = 10n^2y$$

3. Determine the LCM of the following numbers.

3.1 $2r^5 ; 4r^2 ; 8r^2$

$$\text{LCM} = 8r^5$$

3.2 $3e^2x^4 ; 6e^2x^5 ; 7e^4x^4$

$$\text{LCM} = 42e^4x^5$$

4. Round the following number off to the nearest

[1.7.1.7]

4.1 hundred thousand : $5\ 771\ 373 \approx 5\ 800\ 000$

4.2 nearest five: $1\ 871\ 666 \approx 1\ 871\ 665$