THE PREP SCHOOL

Answer key

Admission to Grade: 4

Mathematics

1. **(i)** 413 **(ii)** 403 **(iii)** improper **(iv)** 4

2. **(i)**

```
        1 5 6
9 ) 1 4 0 4
    -   9
        5 0
    -   4 5
          5 4
    -     5 4
            0
```

(ii)

$$\frac{3}{7} + \frac{12}{7}$$

$$= \frac{3 + 12}{7}$$

$$= \frac{15}{7}$$

3. **(i)**

	5 ~~6~~	9 ~~10~~	10	g
-	4	2	9	g
	1	7	1	g

(ii)

		5	1	7
	×		3	6
	3	1	0	2
+ 1	5	5	1	0
1	8	6	1	2

4. **A jug contains juice = 1 506 mℓ**

Number of glasses = 6

Amount of juice in each glass = 1 506 mℓ ÷ 6

= 251 mℓ

Working

```
        2 5 1
6 ) 1 5 0 6
    -   1 2
        3 0
    -   3 0
          0 6
    -     6
            0
```

5. **Total books in the school library = 2645**

Number of Urdu books = 596

Number of English books = 2 645 - 596

= 2 049

Working

	2	5 ~~6~~	13 ~~4~~	15
-		5	9	6
	2	0	4	9