

Varied Fluency Millimetres and Millilitres

Developing

1a. multiply, 5,000mm; divide, 3L;
multiply, 7,000ml

2a.

mm	m
2,000	2
4,000	4
8,000	8
3,000	3

3a. 6,000mm; 5,000mm; 3m; 2,000mm; 1m

4a.

1,000ml	2,000mm
2m	3m
5L	1L
3,000m	5,000ml

Expected

5a. multiply, 2,300mm; divide, 3.2L;
multiply, 5,700ml

6a.

$\frac{?}{1000}$	ml	L
$\frac{300}{1000}$	300	0.3
$\frac{900}{1000}$	900	0.9
$\frac{600}{1000}$	600	0.6

7a. 4.2m; 4,100mm; 4m; 400mm; 0.3m

8a.

1,500ml	2,500mm
$2\frac{1}{2}$ m	2,200mm
1.4L	1.5L
$2\frac{1}{5}$ m	1,400ml

Greater Depth

9a. multiply, 2,340mm; divide, 4.01L;
multiply, 5,770ml

10a.

$\frac{?}{1000}$	ml	L
$\frac{350}{1000}$	350	0.35
$\frac{590}{1000}$	590	0.59
$\frac{710}{1000}$	710	0.71

11a. 4.36m, 4.26m, 460mm, 426mm, 0.29m

12a.

7,760ml	7,750mm
$7\frac{3}{4}$ m	7,500mm
7.45L	7.76L
$7\frac{2}{4}$ m	7,450ml

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Developing

1b. multiply, 9,000ml; divide, 3m;
divide, 8L

2b.

ml	L
3,000	3
7,000	7
6,000	6
10,000	10

3b. 2,000mm; 3m; 5m; 8,000mm; 9,000mm

4b.

4L	2L
3m	3,000mm
6,000mm	6m
2,000ml	4,000ml

Expected

5b. divide, 4.1L; multiply, 7,500mm;
multiply, 9,400ml

6b.

$\frac{?}{1000}$	ml	L
$\frac{200}{1000}$	200	0.2
$\frac{400}{1000}$	400	0.4
$\frac{800}{1000}$	800	0.8

7b. 0.5L; 750ml; 7.5L; 8L; 8,800ml

8b.

$4\frac{1}{5}$ L	4.9L
6.2m	6,200mm
4,500mm	$4\frac{1}{2}$ m
4,900ml	4,200ml

Greater Depth

9b. multiply, 4,180ml; divide, 7.04m;
multiply, 9,490ml

10b.

$\frac{?}{1000}$	ml	L
$\frac{750}{1000}$	750	0.75
$\frac{60}{1000}$	60	0.06
$\frac{950}{1000}$	950	0.95

11b. 760ml, 0.86L, 7.6L, 8,610ml, 8.76L

12b.

5,500mm	5,050mm
5,950ml	5.95L
5,750ml	$5\frac{1}{2}$ m
5.05m	$5\frac{3}{4}$ L