Year 5 Maths Activity Mat ⑤

Section 1

Write these Roman Numerals as numbers.

CXXVI ⟶ [ ]

DCCLXIX ⟶ [ ]

Section 3

Calculate:

426 x 13 = [ ]

1456 ÷ 7 = [ ]

Section 4

Calculate:

$\frac{2}{5} + \frac{1}{10}$ = [ ]

$\frac{2}{3} - \frac{1}{12}$ = [ ]

Section 5

Write the following fractions as percentages:

$\frac{48}{100}$ = [ ] $\frac{19}{100}$ = [ ] $\frac{6}{100}$ = [ ]

Section 2

Circle the square numbers:

1   12   23   27

5   16

41   35

49   82   90

50   64   99

58   77

135 71   110

121 118

144 165

169

Section 6

1ml of water weighs 1g. An empty plastic bottle weighs 10g. How much do 4 half-litre bottles full of water weigh in kilograms?

[ ]

Section 7

Draw a triangle with 2 acute angles and 1 obtuse angle.

Section 8

Here is a train timetable:

London St Pancras	06:32	07:24	07:58
Leicester	07:52	08:30	09:01
Derby	08:19	09:05	09:25
Chesterfield	08:37	09:27	09:43
Sheffield	08:55	09:41	09:58

Which is the slowest train? [ ]

Jan needs to arrive in Sheffield by quarter to ten. Which train should she catch from Leicester? [ ]

Year 5 Maths Activity Mat: 5

Answers

Section 1

Write these Roman Numerals as numbers.

CXXVI ⟶ **126**

DCCLXIX ⟶ **769**

Section 3

Calculate:

426 x 13 = **5538**

1456 ÷ 7 = **208**

Section 4

Calculate:

$\frac{2}{5}$ + $\frac{1}{10}$ = $\frac{5}{10}$ or $\frac{1}{2}$

$\frac{2}{3}$ - $\frac{1}{12}$ = $\frac{7}{12}$

Section 5

Write the following fractions as percentages:

$\frac{48}{100}$ = **48%** $\frac{19}{100}$ = **19%** $\frac{6}{100}$ = **6%**

Section 2

Circle the square numbers:

① 12 23 27
5 ⑯
41 35
⑭⑨ 82 90
50 ⑥④ 99
58 77
135 71 110
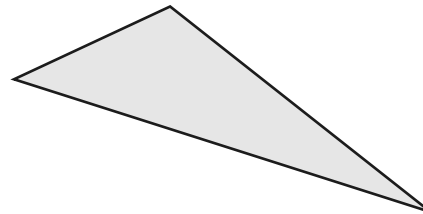①②① 118
①④④ 165 ①⑥⑨

Section 6

1ml of water weighs 1g. An empty plastic bottle weighs 10g. How much do 4 half-litre bottles full of water weigh in kilograms?

2.04kg

Section 7

Draw a triangle with 2 acute angles and 1 obtuse angle.

Example:

Section 8

Here is a train timetable:

London St Pancras	06:32	07:24	07:58
Leicester	07:52	08:30	09:01
Derby	08:19	09:05	09:25
Chesterfield	08:37	09:27	09:43
Sheffield	08:55	09:41	09:58

Which is the slowest train?   **06:32 (from London)**

Jan needs to arrive in Sheffield by quarter to ten. Which train should she catch from Leicester?

07:52 or 08:30