

Year 5 Maths Activity Mat

5

Section 1

Write these Roman Numerals as numbers:

CCIX →

DCLXXVII →

Section 2

Write all the square numbers from 1×1 to 12×12 .

Section 3

Use a formal written method to work out these calculations:

$$216 \times 14$$

$$954 \div 6$$

Section 4

Calculate:

$$\frac{2}{3} + \frac{1}{6} =$$

$$\frac{7}{10} - \frac{3}{5} =$$

Section 6

A plastic box weighs 25g and six cricket balls weigh 300g. How much do three plastic boxes, each with six cricket balls, weigh in kilograms?

Section 8

Here is a bus timetable:

Jordanthorpe	07:19	07:31	07:43
Nether Edge	07:48	08:00	08:12
Sheffield	08:06	08:18	08:30
Pitsmoor	08:20	08:32	08:44
Shiregreen	08:40	08:52	09:04

Do all the buses take the same time for each journey from Jordanthorpe to Shiregreen?

Jan needs to arrive in Sheffield by quarter past eight. Which bus should he catch from Nether Edge?

Section 5

Draw lines to match the following:

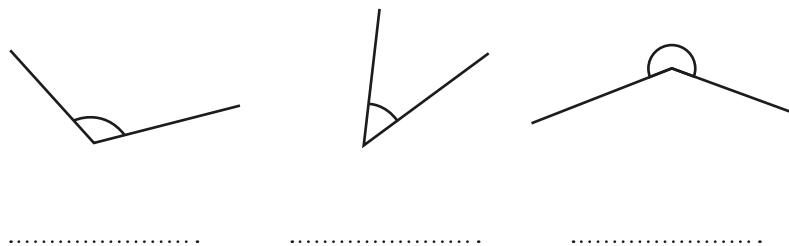
$$\frac{53}{100} \quad 13\%$$

$$\frac{13}{100} \quad 53\%$$

$$\frac{79}{100} \quad 79\%$$

Section 7

Write acute, obtuse or reflex underneath each angle:



Year 5 Maths Activity Mat: 5

Answers

Section 1

Write these Roman Numerals as numbers:

CCIX → **209**

DCLXXVII → **677**

Section 2

Write all the square numbers from 1×1 to 12×12 .

1, 4, 9, 16, 25, 36, 49, 64, 81, 100, 121, 144

Section 3

Use a formal written method to work out these calculations:

$$216 \times 14$$

$$954 \div 6$$

3024

159

Section 4

Calculate:

$$\frac{2}{3} + \frac{1}{6} = \frac{5}{6}$$

$$\frac{7}{10} - \frac{3}{5} = \frac{1}{10}$$

Section 6

A plastic box weighs 25g and six cricket balls weigh 300g. How much do three plastic boxes, each with six cricket balls, weigh in kilograms?

0.975kg

Section 8

Here is a bus timetable:

Jordanthorpe	07:19	07:31	07:43
Nether Edge	07:48	08:00	08:12
Sheffield	08:06	08:18	08:30
Pitsmoor	08:20	08:32	08:44
Shiregreen	08:40	08:52	09:04

Do all the buses take the same time for each journey from Jordanthorpe to Shiregreen?

yes

Jan needs to arrive in Sheffield by quarter past eight. Which bus should he catch from Nether Edge?

07.48

Section 5

Draw lines to match the following:

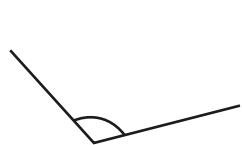
$\frac{53}{100}$ ——— 13%

$\frac{13}{100}$ ——— 53%

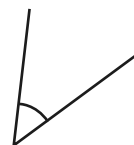
$\frac{79}{100}$ ——— 79%

Section 7

Write acute, obtuse or reflex underneath each angle:



obtuse



acute



reflex