# Year 6 Summer 2 Maths Activity Mat 5

## Section 1

Use these clues to find the number:

- The number has 6 digits.
- The number will round to 1 000 000 when rounded to the nearest million.
- 10 is a factor of the number.
- Three of the digits have no value.
- The tens digit is odd.
- No two adjacent digits are the same.
- The sum of the digits is 14.
- There are seven thousands.

## Section 2

A supermarket has 3014 tins of tomatoes. 647 tins are on the shelves and 1273 are unboxed ready to put on the shelves. 54 tins are found to be damaged. The rest are still in boxes. How many tins are in boxes?

## Section 3

Calculate:

$\frac{1}{3} \div 5 =$

$\frac{3}{4} \div 5 =$

## Section 4

20% of a class catch a bus to school. What fraction of the class catch a bus to school?
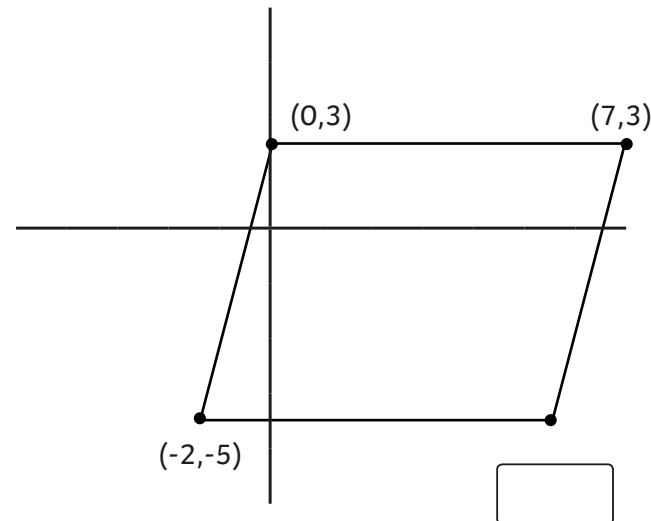
## Section 5

Calculate:

```
      7   1   6
  x       4   3
  _____
```

## Section 6

A length of rope is 4200mm long. It is divided into 14 equal pieces. How long is each piece in metres?

## Section 7

Write the missing coordinates for this parallelogram.



(0,3)     (7,3)

(-2,-5)

## Section 8

a and b are whole numbers between 7 and 17. Write all of the possible values of a and b where:

$2a - b = 20$

## Section 1

Use these clues to find the number:

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**607 010**

## Section 2

A supermarket has 3014 tins of tomatoes. 647 tins are on the shelves and 1273 are unboxed ready to put on the shelves. 54 tins are found to be damaged. The rest are still in boxes. How many tins are in boxes?

**1040**

## Section 3

Calculate:

$\frac{1}{3} \div 5 = \boxed{\frac{1}{15}}$

$\frac{3}{4} \div 5 = \boxed{\frac{3}{20}}$

## Section 4

20% of a class catch a bus to school. What fraction of the class catch a bus to school?

$\boxed{\frac{1}{5}}$

## Section 5

Calculate:

```
      7   1   6
  x       4   3
-----------------
      2   1   4   8
  2   8   6   4   0
-----------------
  3   0   7   8   8
```
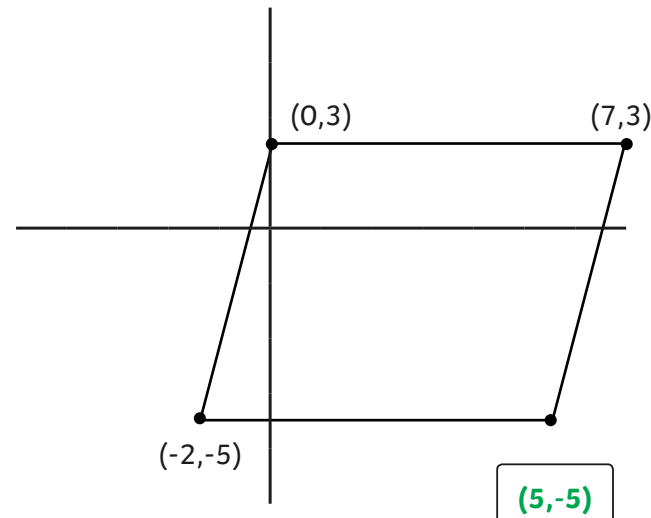
## Section 6

A length of rope is 4200mm long. It is divided into 14 equal pieces. How long is each piece in metres?

**0.3m**

## Section 7

Write the missing coordinates for this parallelogram.

(0,3)   (7,3)

(-2,-5)

**(5,-5)**

## Section 8

a and b are whole numbers between 7 and 17. Write all of the possible values of a and b where:

$2a - b = 20$

**a = 16, b = 12**

**a = 15, b = 10**

**a = 14, b = 8**