

1.

The area of Hettie's field is 5178m^2 .

The length of Kenny's field is 82m and the width is 63m .

Whose field has the largest area and by how much?

2.

Here is a Carroll diagram.

Write two numbers in each section of the Carroll diagram.

	Multiples of 8		Not Multiples of 8
	100 or less	More than 100	

3. Fill in the missing fractions in these calculations.

$$3\frac{3}{8} + \boxed{} = 7\frac{7}{8}$$

$$1\frac{2}{5} - \boxed{} = 3\frac{3}{5}$$

$$2\frac{2}{5} + \boxed{} = 9\frac{9}{10}$$

4.

Tilly has some cards with Roman numerals on. Order them from smallest to largest.

LXXIV	CXI	MX	LVII	XCVI
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smallest

largest

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5. Ben is thinking of a number. He says, "30% of my number is 78."

What is 55% of Ben's number?

6.

In this sequence, the rule to get to the next number is:

multiply by 3, then subtract 6

Use the rule to work out the missing numbers.

39, 111

1.

The area of Hettie's field is 5178m^2 .

The length of Kenny's field is 82m and the width is 63m.

Whose field has the largest area and by how much?

$$82 \times 63 = 5166$$

$$5178 - 5166 = 12$$

Hettie's field has a larger area by 12m^2 .

2.

Here is a Carroll diagram.

Write two numbers in each section of the Carroll diagram.

There are lots of numbers that could go

	Multiples of 8	Not Multiples of 8
100 or less	E.g. 8, 16, 24, 40, 64, 72, 88, 96, etc	E.g. 43, 21, 6, 18, 67, 84, 36, 92, etc
More than 100	E.g. 104, 112, 168, 248, 800, etc	E.g. 114, 157, 202, 156, 170, etc

3. Fill in the missing fractions in these calculations.

$$3\frac{3}{8} + \boxed{4\frac{8}{8}} = 7\frac{7}{8}$$

$$1\frac{2}{5} - \boxed{3\frac{3}{5}} = 3\frac{3}{5}$$

$$2\frac{2}{5} + \boxed{5\frac{10}{10} \text{ or } 5\frac{1}{2}} = 7\frac{9}{10}$$

4.

Tilly has some cards with Roman numerals on. Order them from smallest to largest.

LXXIV	CXI	MX	LVII	XCVI
-------	-----	----	------	------

smallest

largest

LVII	LXXIV	CXI	XCVI	MX
------	-------	-----	------	----

5.

Ben is thinking of a number. He says, "30% of my number is 78."

What is 55% of Ben's number?

$$78 \div 3 = 26 = 10\%$$

$$26 \div 2 = 13 = 5\%$$

$$26 \times 5 = 130 = 50\%$$

$$130 + 13 = 143 = 55\%$$

6.

In this sequence, the rule to get to the next number is:

multiply by 3, then subtract 6

Use the rule to work out the missing numbers.

7

15

39, 111

327

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