

FFX 2/3 Maths Revision

Name:

Class:

Date:

A Counting and understanding numbers:

1. $3.7 \div 100$



1 mark (L5/1)

2. Round the following to one decimal place.

2.48

5.26

7.22

4.66

3.91



2 marks (L5/2)

3. Use each of the numbers 1, 2, 3, 4 and 5 to correctly complete the following sentences:

___ is a factor of ___

42 is a multiple of ___

___ is a prime number

___ is not a prime number

2 marks (L5/3)

4. Complete these fractions to make each equivalent to $\frac{3}{4}$


$$\frac{\square}{8}$$
$$\frac{\square}{12}$$
$$\frac{12}{\square}$$

1 mark (L5/4)

5. Write $\frac{4}{16}$ in its simplest form



1 mark (L5/5)

B Calculating

6. Write in the missing numbers.


 $\div 22.6 = 7.5$

1 mark (L5/6)

$$50 - (14.24 + 16.36) = \input{type="text"}$$

1 mark (L5/6)

7. Calculate 346×23

Show
your **working**.
You may get
a mark. 

2 marks (L5/8)

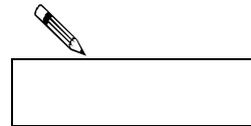
8. Write a number in each box to make the calculations correct.

$$\input{type="text"} + \input{type="text"} = -8$$

$$\input{type="text"} - \input{type="text"} = -8$$

2 marks (L5/9)

9. Sue thinks of a number.
She **divides** it by **6** then adds 9. Her answer is **20**.
What is the number Sue thinks of?



1 mark (L5/11)

C **Shape, Space and Measure**

10. Here are four statements.

For each statement put a tick (✓) if it is **possible**.
Put a cross (✗) if it is **impossible**.

A triangle can have 2 parallel sides.



A triangle can have 2 perpendicular sides.

1 mark (L5/12)

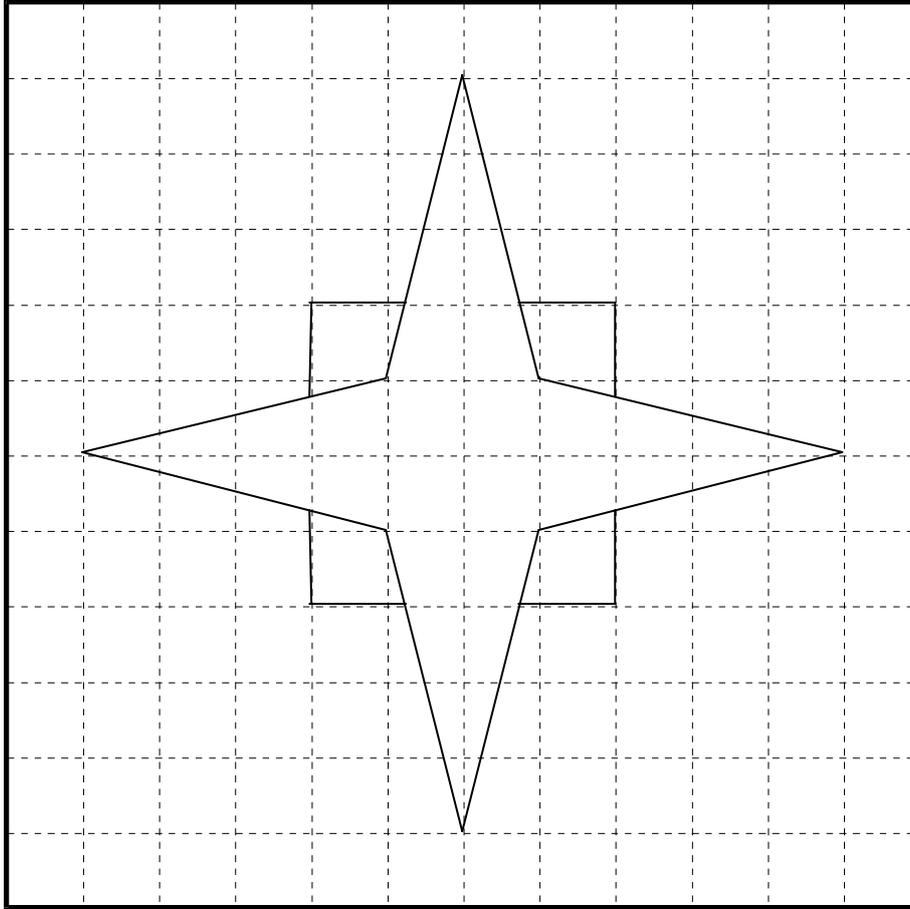
A triangle can have 2 acute angles.

A triangle can have 2 obtuse angles.

1 mark (L5/12)

11. Draw all lines of symmetry on the shape below.

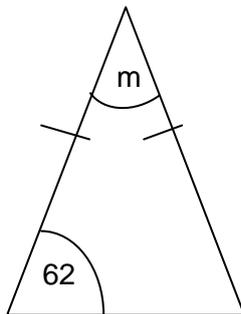
1 mark (L5/13)



What order of rotational symmetry does the shape have?

1 mark (L5/13)

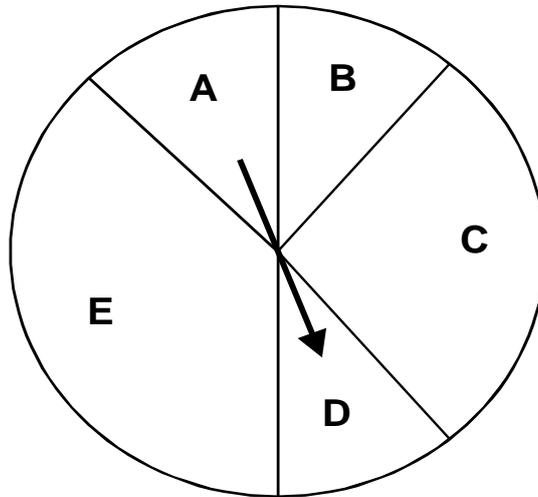
12. Work out the size of the missing angle marked 'm'



1 mark (L5/14)

D Data Handling

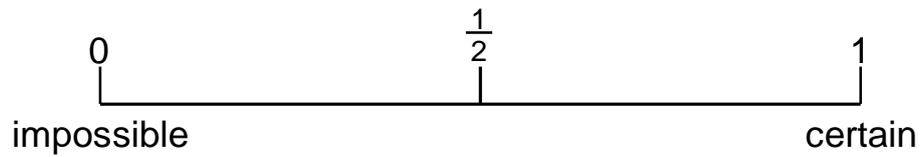
13. Here is a spinner



Anne spins the arrow.

What is the **probability** that the arrow stops in **sector E**?

Show this probability by putting a cross (X) on the probability line below.



1 mark (L5/20)

14. Write a **different** number in **each** of these boxes so that the **mean** of the **three** numbers is **8**



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1 mark (L5/21)

Write a number in **each** of these boxes so that the **mode** of the **five** numbers is **12**.



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1 mark (L5/21)

15. Mark throws a fair coin.
He gets a Head.

Mark's sister then throws the same coin.

(a) What is the probability that she will get a Head?

..... 1 mark (L5/22)

Mark throws the coin 30 times.

(b) Explain why he may not get exactly 15 Heads and 15 Tails.

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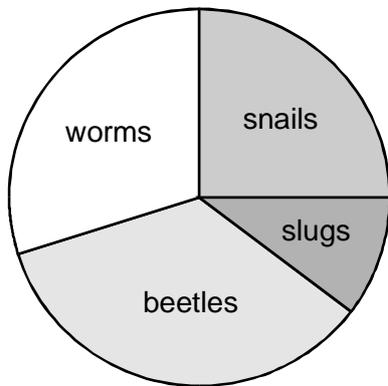
..... 1 mark (L5/22)

16. Tony and Gemma looked for snails, worms, slugs and beetles in their gardens.



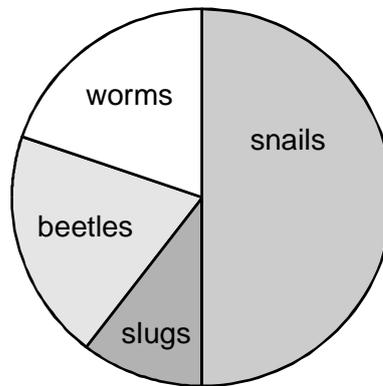
They each made a pie chart of what they found.

Tony's pie chart



Total 80

Gemma's pie chart



Total 36

(i) **Estimate** the number of **worms** that **Tony** found.

..... 1 mark (L5/23)

(ii) Who found more **snails**?

Circle Tony or Gemma.
Explain how you know.

Tony / Gemma



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..... 1 mark (L5/23)