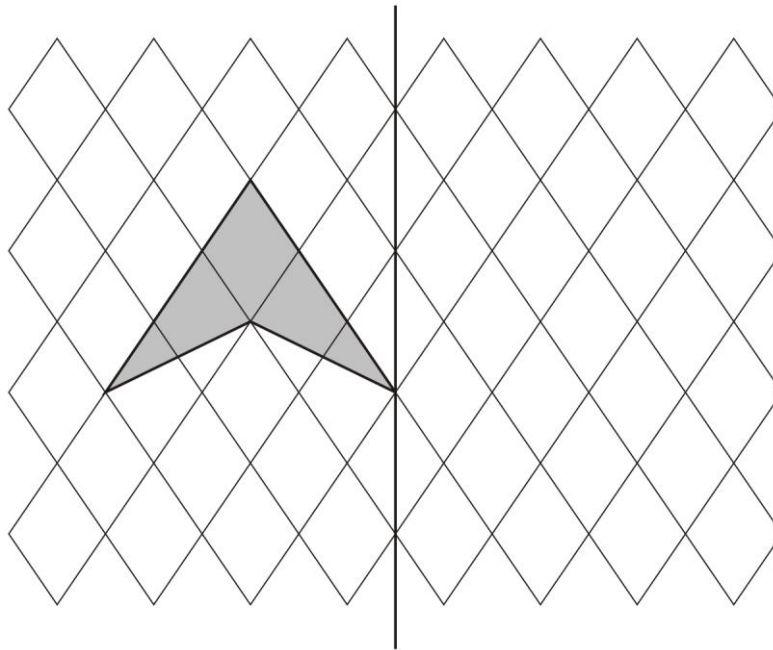


Q1.

Draw the reflection of the shaded shape in the mirror line.

Use a ruler.

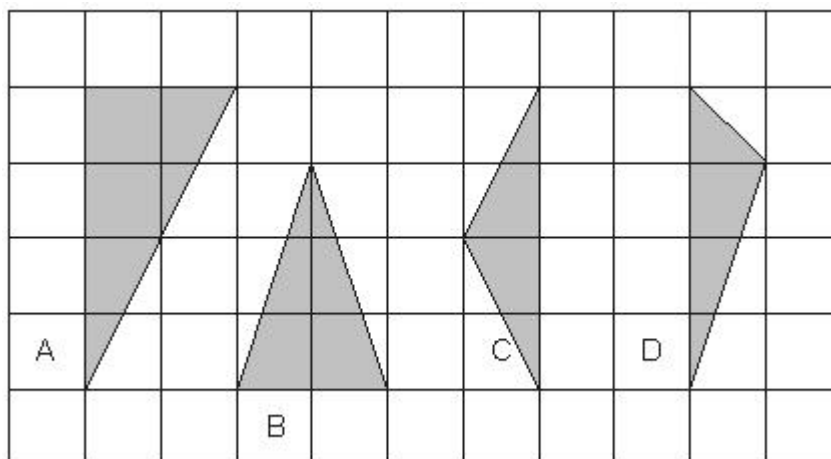


mirror line

1 mark

Q2.

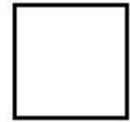
Here are four triangles on a square grid.



Write the letters of the **two isosceles** triangles.



and



1 mark

Q3.

Here are some amounts of money.

Circle **all** the amounts that can be made with **three** coins.

71p

72p

73p

74p

75p

1 mark

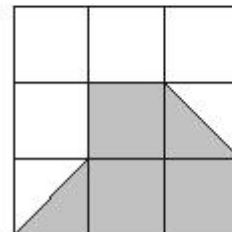
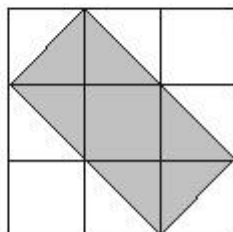
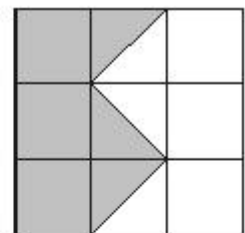
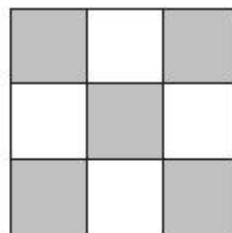
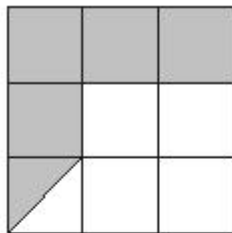
Q4.

Here are five diagrams.

Look at each one.

Put a tick (✓) on the diagram if exactly half of it is shaded.

Put a cross (X) if it is not.



2 marks

Q5.

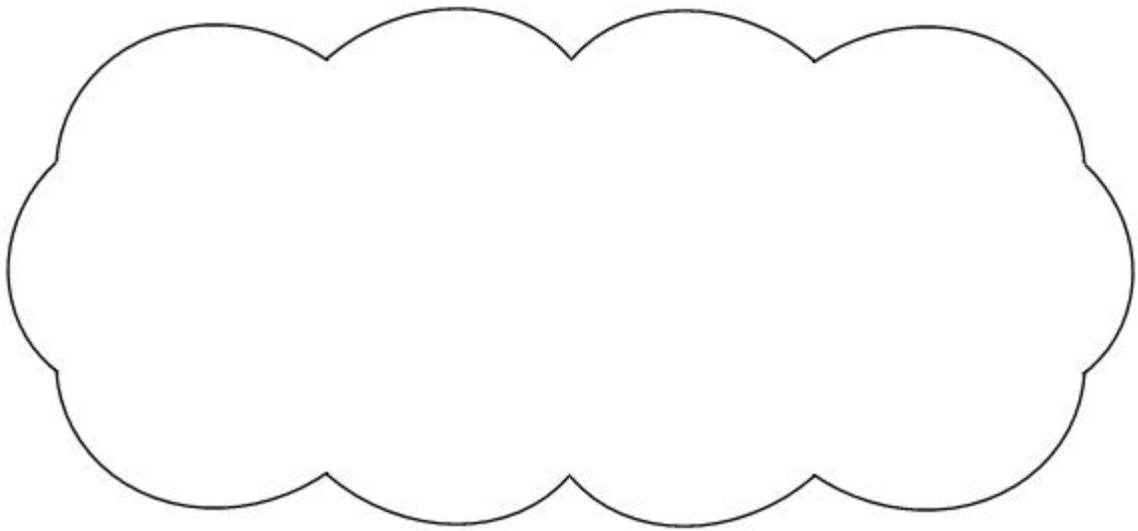
The time is 10:35am.



Kate says,

'The time is closer to 11:00am than to 10:00am'.

Explain why Kate is correct.

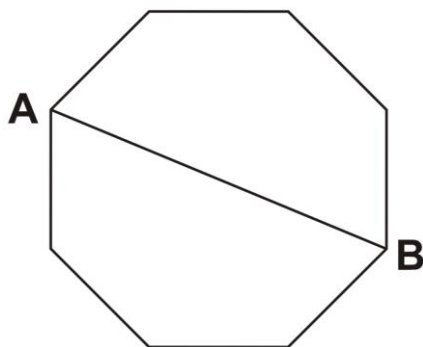


1 mark

Q6.

Here is a regular octagon with two vertices joined to make the line AB.

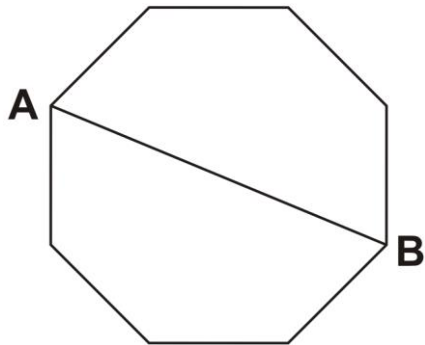
Join two other vertices to draw **one** line that is **parallel** to the line AB.



1 mark

Here is the octagon again.

Join two vertices to draw **one** line that is **perpendicular** to the line AB.



1 mark

Q7.

Circle **one** number in **each** box to make a total of 1000

150		150
250	200	250
350	400	350
450		450

1 mark

Q8.

Circle the number that is **closest to 250**

261 246 255 209 275

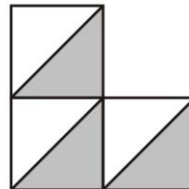
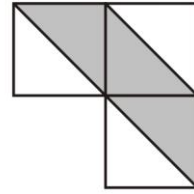
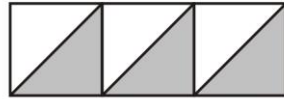
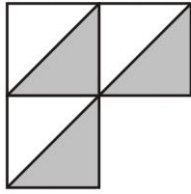
1 mark

Q9.

Here are five patterns.

For each pattern put a tick (✓) if it has a line of symmetry.

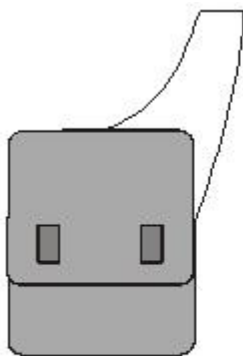
Put a cross (X) if it does not.



2 marks

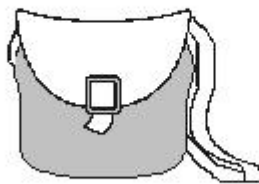
Q10.

Here are three bags in a shop



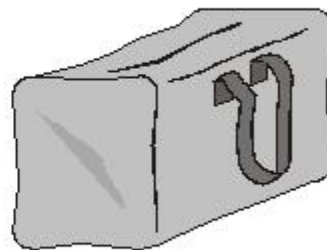
A

£11.50



B

£14.65



C

£16.50

How much does bag B cost to the nearest pound?

£	
---	--

1 mark

Jamie buys bag A and bag C.

How much change does he get from £40?

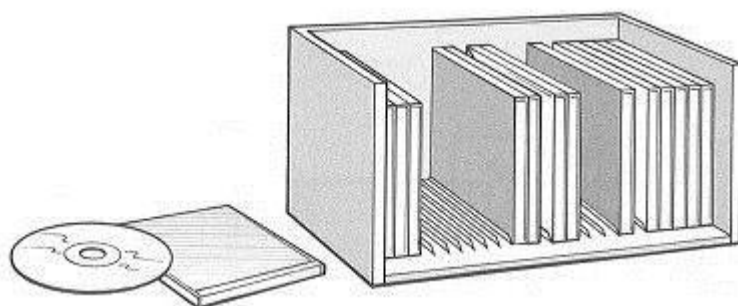
Show
your
method

£

2 marks

Q11.

Here is a CD rack.



One rack holds **25** CDs.

David has **83** CDs.

How many racks does he need to hold **all** his CDs?

1 mark

Lin has **6** racks **full** of CDs.

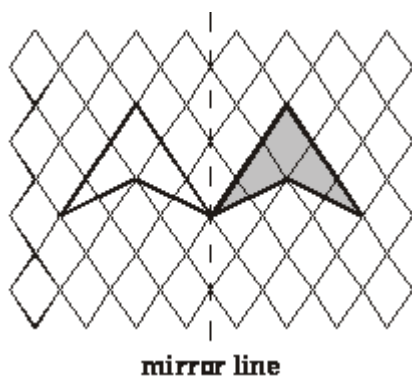
How many CDs does Lin have altogether?

1 mark

Mark schemes

Q1.

Diagram completed as shown:



*Accept: slight inaccuracies in drawing (see General guidance: applying the mark scheme for guidance).
Shape need not be shaded.*

[1]

Q2.

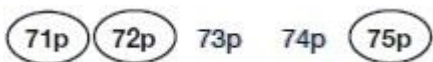
B AND C

Answers may be given in either order.

[1]

Q3.

Three amounts circled as shown:



Do not award the mark if additional incorrect amounts are circled.

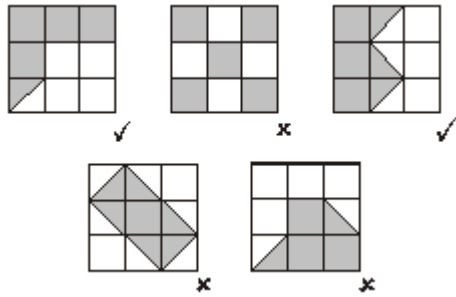
Accept: alternative unambiguous indications, eg numbers ticked, crossed or underlined.

U1

[1]

Q4.

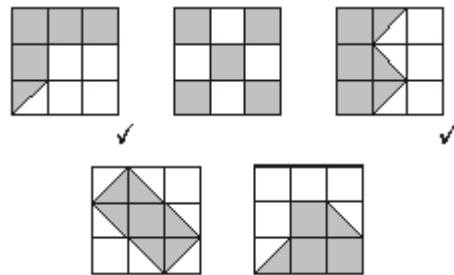
Award **TWO** marks for diagrams ticked or crossed as shown:



If the answer is incorrect, award **ONE** mark for four diagrams ticked or crossed correctly.

Accept alternative unambiguous indications such as **Y** or **N**.

For **TWO** marks accept:



Up to 2

[2]

Q5.

An explanation which recognises that 10:35 is after half past ten, eg:

- '10:35 am is 35 minutes from 10:00am but 25 minutes from 11:00am'
- '10:35 is 10 minutes closer to 11:00'
- 'It's closer to 60 minutes'
- '10:35am is after half past'
- 'It's past halfway'
- '35 is after 30 and 30 is half'
- '35 minutes is over half an hour'
- 'It's 25 minutes to 11'.

Do not accept vague or incomplete explanations, eg:

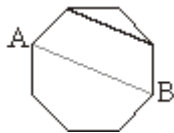
- '11:00am is closer'
- 'Halfway is 10.30am'
- '5 rounds up'
- 'There are 60 minutes in an hour'.

U1

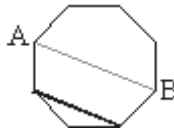
[1]

Q6.

(a) Two vertices joined as shown:



OR

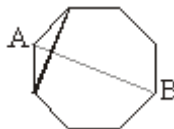


Accept slight inaccuracies in drawing provided the intention is clear.

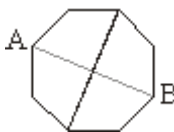
Accept two lines if both are correct.

1

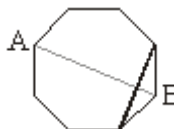
(b)



OR



OR



Accept slight inaccuracies in drawing, provided the intention is clear.

Accept more than one line if all are correct.

Accept a line perpendicular to AB, drawn from one vertex, which meets or crosses AB, eg



1

[2]

Q7.

One of the following triples:

150, 400, 450

450, 400, 150

250, 400, 350

350, 400, 250

350, 200, 450

450, 200, 350

Accept: alternative unambiguous indications, eg numbers ticked, crossed or underlined

[1]

Q8.

One number circled as shown:

261 246 255 209 275

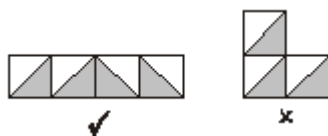
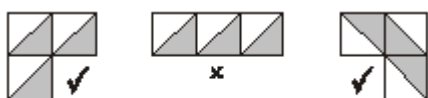
Do not award the mark if additional incorrect numbers are circled.

Accept: alternative unambiguous indications, eg numbers ticked, crossed or underlined.

[1]

Q9.

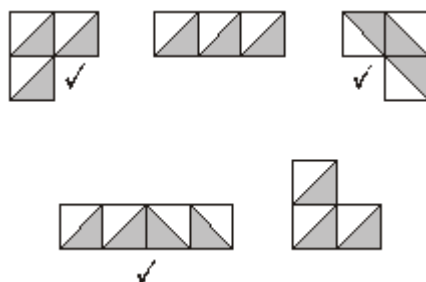
Award **TWO** marks for diagrams ticked or crossed as shown:



If the answer is incorrect, award **ONE** mark for any four diagrams ticked or crossed correctly.

Accept: alternative unambiguous indications such as Y or N.

For TWO marks accept:



Up to 2

[2]

Q10.

(a) £15

1

(b) Award **TWO** marks for the correct answer of £12

If the answer is incorrect, award **ONE** mark for evidence of appropriate working, eg

$$11.50 + 16.50 = 28$$

$$40 - 28 = \text{wrong answer}$$

*Accept: for **ONE** mark £1200 **OR** £1200p as evidence of appropriate working.*

*Working must be carried through to reach an answer for the award of **ONE** mark.*

Up to 2

[3]

Q11.

(a) 4

1

(b) 150

1

[2]