

Please check the examination details below before entering your candidate information

Candidate name

Candidate signature

Date

## Pearson Edexcel Functional Skills

Set 8 – \*\*\*Practice Paper\*\*\*

Time 25 minutes

Paper  
reference

**E3NC**

### Mathematics

Section A – Non-calculator  
Entry 3



**You must have:**

black or blue ink pen, pencil, ruler, rubber.

### Instructions

- Use **black** or **blue** ink or ball-point pen.
- **Fill in the boxes** at the top of this page with your candidate information.
- Answer **every** question.
- You can write or draw to show your answers.
- You must **not** use a calculator.

### Information

- The total number of marks for this section is 9.

### Advice

- Read each question carefully.
- Check your work at the end.
- Ask if you do not understand any words.

Continue ►

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**\*\*\* PRACTICE PAPER \*\*\***



W 7 3 7 9 6 A 0 1 0 5



Pearson

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1 Milo wants to make his house safer.

Last year 127 houses in his town had security cameras.

This year 205 houses have security cameras.

**How many more houses have security cameras this year than last year?** (2)

Show your working and your answer here.

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**\*\*\*PRACTICE PAPER\*\*\***



W 7 3 7 9 6 A 0 2 0 5

DO NOT WRITE IN THIS AREA

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2 There are 126 houses in a street.

There are alarm systems in  $\frac{1}{3}$  of these houses.

Milo thinks that 41 houses have an alarm system.

**Is he correct?**

**Show why you think this.**

(2)

Show your working and your answer here.

\_\_\_\_\_ houses

Tick (✓) the correct answer.

Yes ( ) No ( )

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**\*\*\*PRACTICE PAPER\*\*\***



3 Milo buys an alarm system for his house.

The system costs £362

Milo pays £32 each month for the system.

The final payment is a different amount.

**What is the greatest number of monthly payments of £32 that Milo needs to pay?**

**How much does Milo pay in the final payment?**

(3)

Show your working and your answer here.

Number of monthly payments \_\_\_\_\_

Final payment £ \_\_\_\_\_

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**\*\*\*PRACTICE PAPER\*\*\***



DO NOT WRITE IN THIS AREA

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4 Milo buys insurance.  
He pays £27 each month.

**How much does Milo pay in total for 12 months of insurance?**

(2)

Show your working and your answer here.

£ \_\_\_\_\_

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**TOTAL FOR SECTION A IS 9 MARKS**  
**\*\*\*PRACTICE PAPER\*\*\***



Please check the examination details below before entering your candidate information

Candidate name

Candidate signature

Date

## Pearson Edexcel Functional Skills

Set 8 – \*\*\*Practice Paper\*\*\*

Time 75 minutes

Paper  
reference

**E3C**

### Mathematics

#### Section B – Calculator

#### Entry 3



**You must have:**

black or blue ink pen, pencil, ruler, rubber, calculator.

### Instructions

- Use **black** or **blue** ink or ball-point pen.
- **Fill in the boxes** at the top of this page with your candidate information.
- Answer **every** question.
- You can write or draw to show your answers.
- You **may** use a calculator.

### Information

- The total number of marks for this section is 27.

### Advice

- Read each question carefully.
- Check your work at the end.
- Ask if you do not understand any words.

Continue ►

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**\*\*\* PRACTICE PAPER \*\*\***

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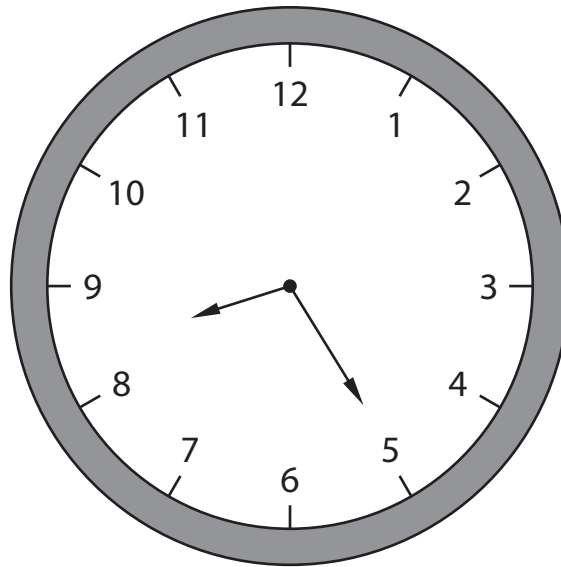
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Pearson

1 Jessie puts alarm systems in houses.

The clock shows the time she starts work in the morning.



**What time does Jessie start work?**

**Use correct time format.**

(2)

Show your answer here.

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**\*\*\*PRACTICE PAPER\*\*\***

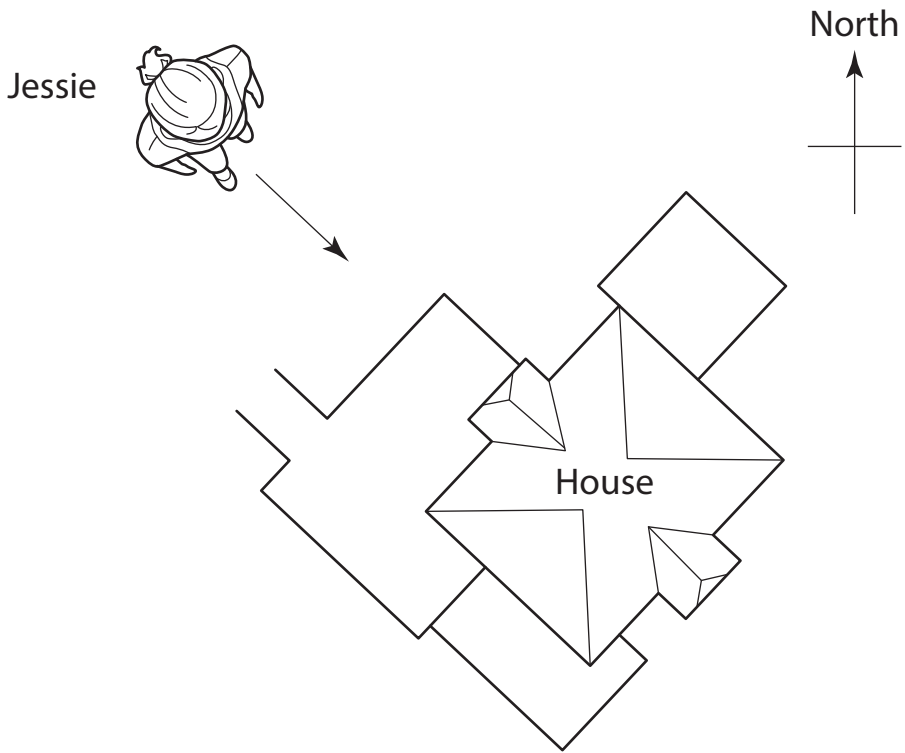


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2 Jessie is looking at a house.



In which direction is Jessie looking?

(1)

Tick (✓) the correct answer.

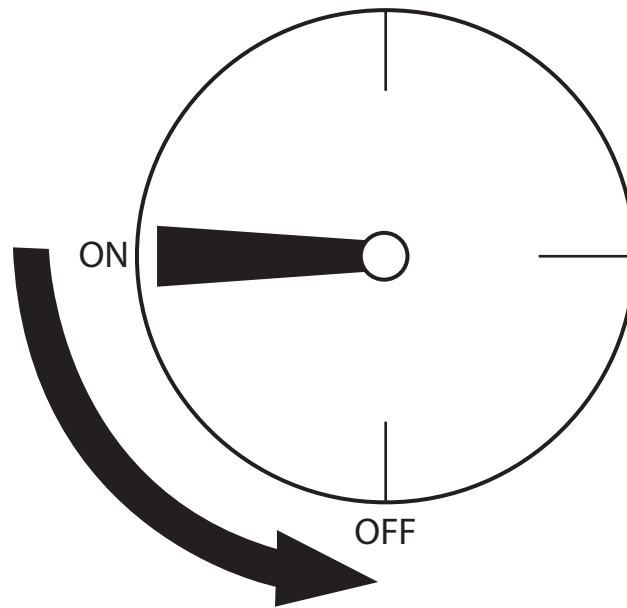
- |           |                |
|-----------|----------------|
| North ( ) | North east ( ) |
| South ( ) | North west ( ) |
| East ( )  | South east ( ) |
| West ( )  | South west ( ) |

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**\*\*\*PRACTICE PAPER\*\*\***





- 3 The diagram shows how to switch off the electricity in the house.



Jessie turns the handle to switch off the electricity.

**What fraction does Jessie turn the handle?**

(1)

Show your answer here.

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**\*\*\*PRACTICE PAPER\*\*\***



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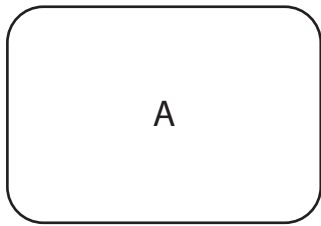
4 Jessie chooses a control panel for the alarm system.

The panels have different shapes.

Which shape has exactly 2 right angles?

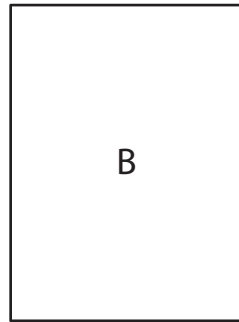
(1)

Tick (✓) the correct answer.



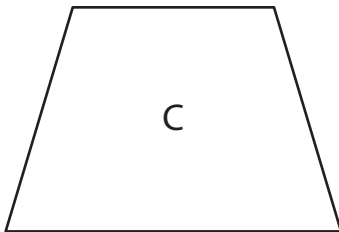
A

( )



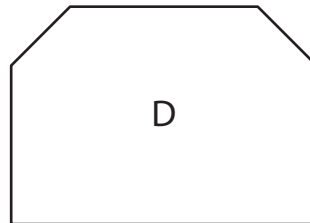
B

( )



C

( )



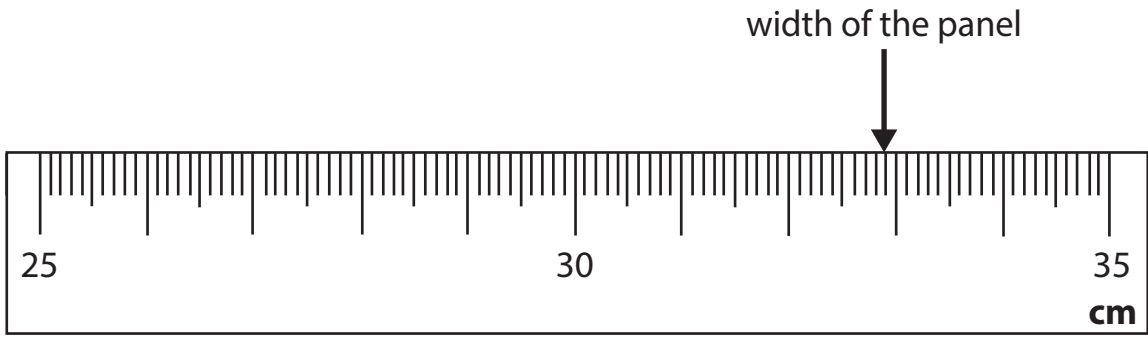
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( )

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**\*\*\*PRACTICE PAPER\*\*\***



5 Jessie measures the width of the panel.



What is the width of the panel to the nearest cm?

(1)

Show your answer here.

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**\*\*\*PRACTICE PAPER\*\*\***



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6 Jessie has lunch at quarter to two in the afternoon.

Which clock shows quarter to two in the afternoon?

(1)

Tick (✓) the correct answer.

01:45

( )

02:45

( )

13:15

( )

13:45

( )

14:15

( )

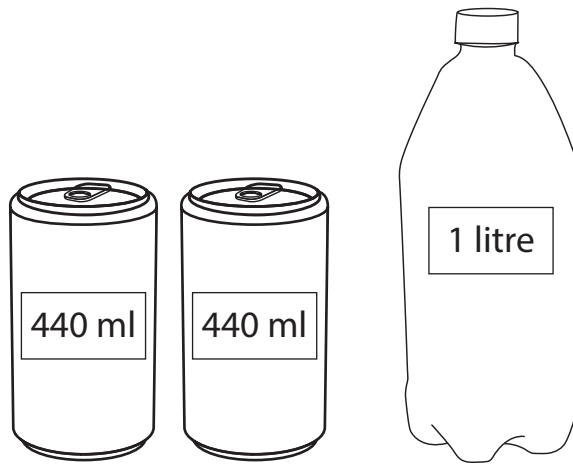
02:15

( )

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**\*\*\*PRACTICE PAPER\*\*\***



7 Jessie has 2 cans of drink and 1 bottle of drink.



**Do 2 cans have more drink than 1 bottle?**

**Show why you think this.**

(2)

Show your working and your answer here.

Tick (✓) the correct answer.

**DO NOT USE FOR LIVE EXAMS**  
Yes ( ) No ( )  
**\*\*\* PRACTICE PAPER \*\*\***



DO NOT WRITE IN THIS AREA

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8 Jessie puts garden lights at these distances from the house.

5m 17m 29m

The distances follow a pattern.

**What is the next distance in the pattern?**

(1)

Show your answer here.

5m 17m 29m \_\_\_\_\_ m

**DO NOT USE FOR LIVE EXAMS**  
**\*\*\*PRACTICE PAPER\*\*\***



9 Jessie gets £29.70 for each hour she works.

She works for 6 hours on Monday.

**How much does Jessie get in total on Monday?**

**Use correct money format.**

(3)

Show your working and your answer here.

10 (a) Round £29.70 to the nearest pound.

(1)

Show your answer here.

£ \_\_\_\_\_

(b) Use the rounded number to check your answer to question 9

(1)

Show your answer here.

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**\*\*\*PRACTICE PAPER\*\*\***

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11 Jessie put these alarm systems in houses.

**Last year**  
134 alarm systems

**This year**  
193 alarm systems

Jessie thinks she put more than 340 alarm system in houses in total.

**Is she correct?**

**Show why you think this.**

(2)

Show your working and your answer here.

\_\_\_\_\_ alarm systems

Tick (✓) the correct answer.

Yes ( ) No ( )

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**\*\*\*PRACTICE PAPER\*\*\***





12 Jessie gets these ratings from some customers.

Rating	3.75	4.25	4.0	4.5	3.5
--------	------	------	-----	-----	-----

Which rating has the highest value?

(1)

Show your answer here.

**DO NOT USE FOR LIVE EXAMS**  
**\*\*\*PRACTICE PAPER\*\*\***

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DO NOT WRITE IN THIS AREA

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DO NOT WRITE IN THIS AREA

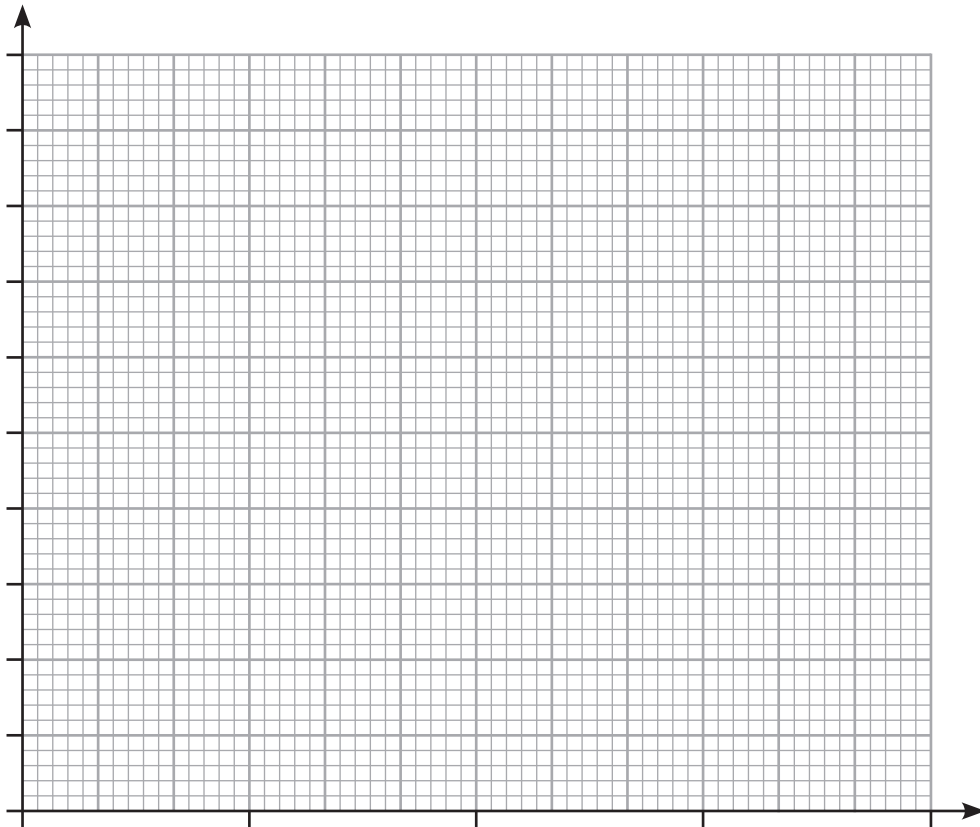
13 Jessie has this information about the number of good ratings.

Month	Number of good ratings
October	16
November	8
December	14

She wants to show this information on a line graph.

Complete the line graph.

(3)



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**\*\*\*PRACTICE PAPER\*\*\***



14 The list shows the numbers of customers in the last five years.

197

214

219

204

206

Put these numbers in order starting with the greatest.

(1)

Show your answer here.

greatest \_\_\_\_\_ least

**DO NOT USE FOR LIVE EXAMS**  
**\*\*\*PRACTICE PAPER\*\*\***

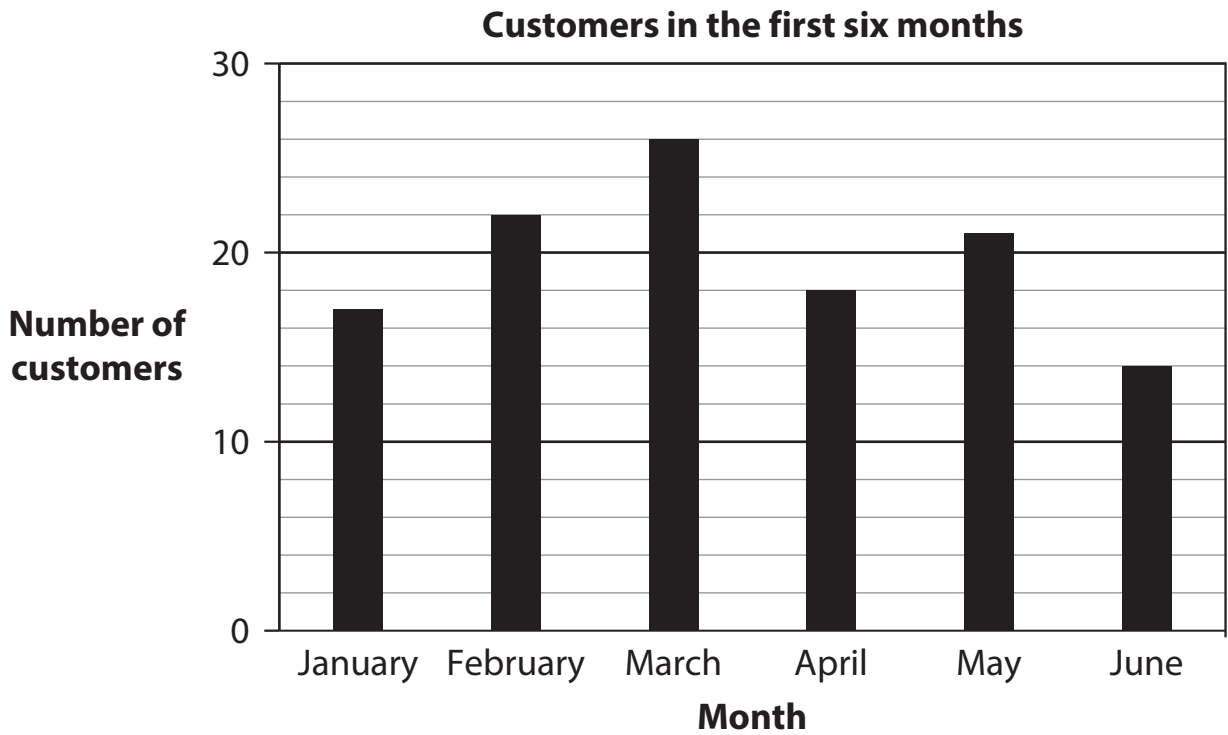


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15 The chart shows the number of customers in the first six months of this year.



Jessie thinks that the total number of customers in February and March was 50

**Is Jessie correct?**

**Show why you think this.**

(3)

Show your working and your answer here.

\_\_\_\_\_ customers

Tick (✓) the correct answer.

Yes ( ) No ( )

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**\*\*\*PRACTICE PAPER\*\*\***



W 7 3 7 9 7 A 0 1 5 1 6

16 Jessie counts the type of alarm systems she puts in over a month.

These are the results.

basic	premium	standard	basic
basic	basic	standard	basic
standard	standard	premium	basic
basic	standard	standard	premium

Complete the frequency table for the results.

(2)

Type of alarm system	Frequency

TOTAL FOR SECTION B IS 27 MARKS

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