Name: _____

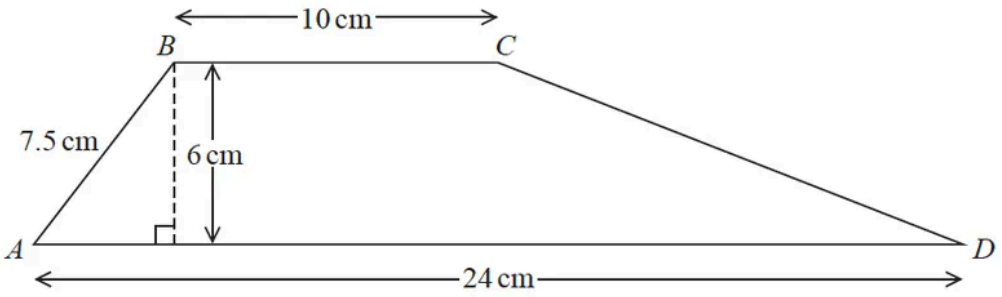
GCSE (1 - 9) Trigonometry SOH CAH TOA	Solutions:

These questions are compiled from *released* Pearson Edexcel GCSE maths exam papers
They contain exam questions from up until the ***Summer 2023*** exam series
More recent exam papers do exist but are withheld for mock exams
As new exam papers are released these worksheets will gradually be updated
The ***most current*** version of these worksheets will always be available at: kennethstafford.co.uk

Question	Where the question appeared
1	Edexcel, GCSE, Autumn 2017, Paper 2F, Q22
2	Edexcel, GCSE, Autumn 2018, Paper 3F, Q25
3	Edexcel, GCSE, Autumn 2020, Paper 2F, Q25
4	Edexcel, GCSE, Summer 2018, Paper 3F, Q23
5	Edexcel, GCSE, Summer 2019, Paper 2F, Q24
6	Edexcel, GCSE, November 2022, Paper 2F, Q22

1

ABCD is a trapezium.



Work out the size of angle *CDA*.
Give your answer correct to 1 decimal place.

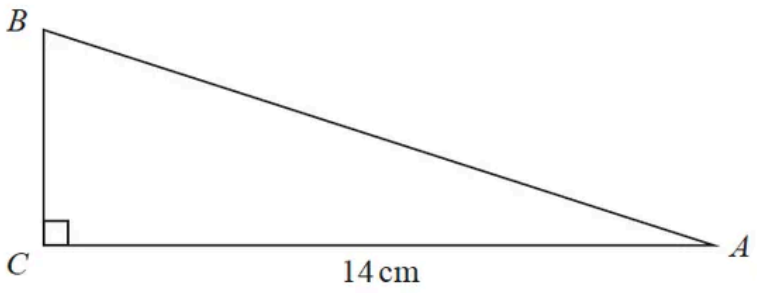
.....°

(Total for Question 22 is 5 marks)

[Edexcel, GCSE, Autumn 2017, Paper 2F, Q22]

2

ABC is a right-angled triangle.



$AC = 14$ cm.
Angle $C = 90°$

size of angle B : size of angle $A = 3 : 2$

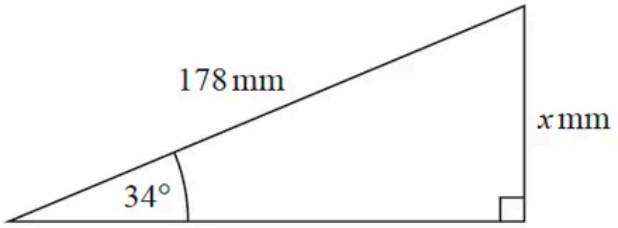
Work out the length of AB.
Give your answer correct to 3 significant figures.

..... cm

(Total for Question 25 is 4 marks)

[Edexcel, GCSE, Autumn 2018, Paper 3F, Q25]

3



Work out the value of x.
Give your answer correct to 1 decimal place.

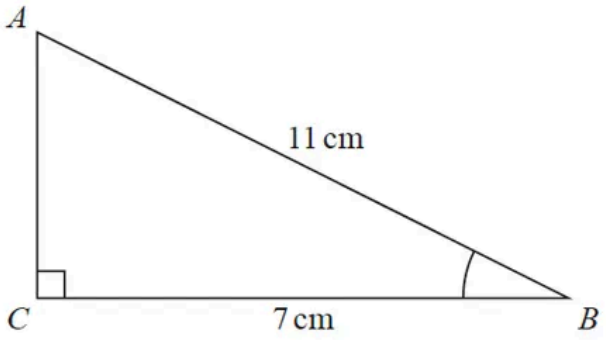
.....

(Total for Question 25 is 2 marks)

[Edexcel, GCSE, Autumn 2020, Paper 2F, Q25]

4

ABC is a right-angled triangle.



(a) Work out the size of angle ABC.
Give your answer correct to 1 decimal place.

.....°

(2)

The length of the side AB is reduced by 1 cm.

The length of the side BC is still 7 cm.
Angle ACB is still 90°

(b) Will the value of cos ABC increase or decrease?
You must give a reason for your answer.

.....

.....

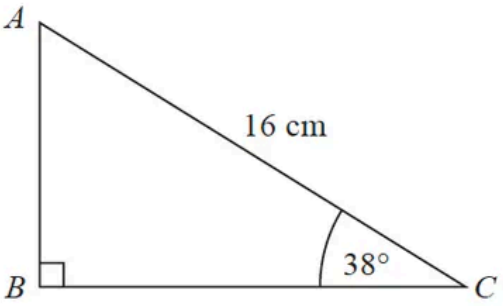
(1)

(Total for Question 23 is 3 marks)

[Edexcel, GCSE, Summer 2018, Paper 3F, Q23]

5

ABC is a right-angled triangle.



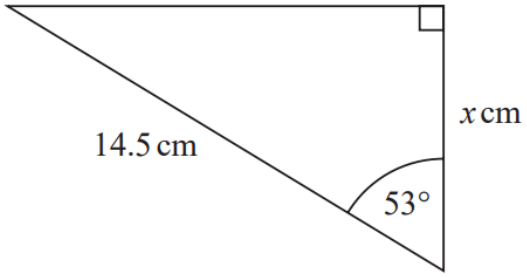
Calculate the length of AB.
Give your answer correct to 2 decimal places.

.....cm

(Total for Question 24 is 2 marks)

[Edexcel, GCSE, Summer 2019, Paper 2F, Q24]

6



Work out the value of x.
Give your answer correct to 3 significant figures.

$x =$ .....

(Total for Question 22 is 2 marks)

[Edexcel, GCSE, November 2022, Paper 2F, Q22]