AQA, OCR, Edexcel

GCSE

GCSE Maths

Edexcel November 12 Paper 1

Name:



Mathsmadeeasy.co.uk

Total Marks:

Edexed Nov 12 P1

16 x 1.5 : 24

50 multiply all ingredients by 1.5

Slove 180 x 1.5 : 2709

guiger 40 x 1.5 : 609

butter 110 x 1.5 : 1659

sugar 30 x 1.5 : 459

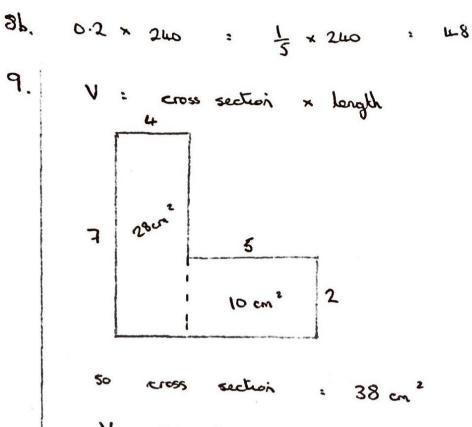
1.

2a.

26.

3,

How many hours do you spend, per work, reading books? 5. 31 : 30 (1s.f.) (1s.f.) 01 : F8.P 0.509 = 0.5 (1s.f.) Enlargement s.f. 2.5 centred at (0,0) 7. Area of trop. : 1/2 (b+a) x c = 1 (18+12) x9 : 15 x9 3 135 m 4 = 6.75 so he need 7 bags 7 x & 4.99 7 x £5.00 , £35 · £34.93 8. red blue white black 0.2 0.5 0.15



10.

Burford X Hightown

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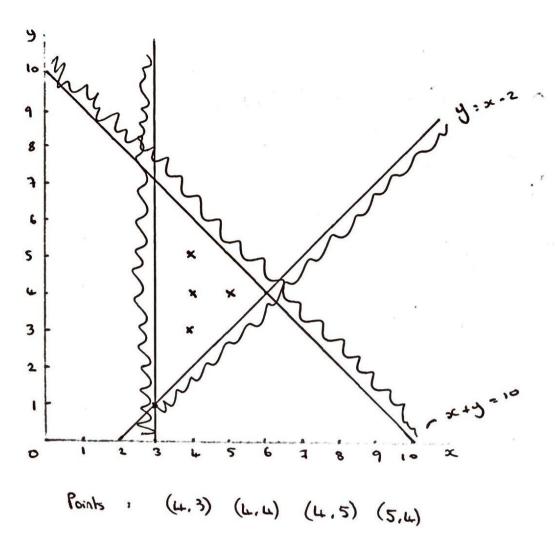
11b.
$$2(x-4) + 3(x+5)$$

13.

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IL. Red angle = 50° + 180° 15a. 156. 16. x-1 + 3x + 1 + 3x7x : 56 (5:1) Area = $\frac{1}{2}(bxh)$ b : 3x 3(8) = 24 H : 1 (24 x 7)

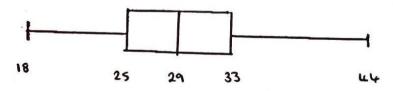
17.



18.

Exterior angle of A: 30° $\frac{360}{20}$ = 12 sides

190.

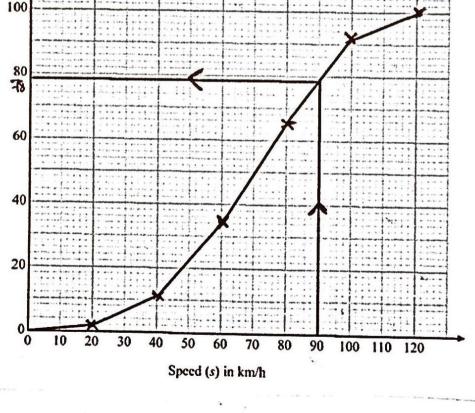


191.

The TQR for boys was smaller.

The median time for how

20. 0.038 x 102 3800 × 10" 0.38 10-1 380 3.8 0.38 0.038 3800 x 10 4 0.038 x 102 380 21a. speed c.f. 045 520 2 0 4 5 \$ 40 11 0 < 5 \ 60 34 08 2 2 2 65 92 0 < 2 < 150 100 216. 100 80 78 60



100 - 78 , 22

21 ..

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22.
$$3x + 2y = 4$$
 $x + 12x + 8y = 16$ 0 $4x + 5y = 17$ $x = 3$ $12x + 15y = 51$ 0 $0 - 0'$ 0

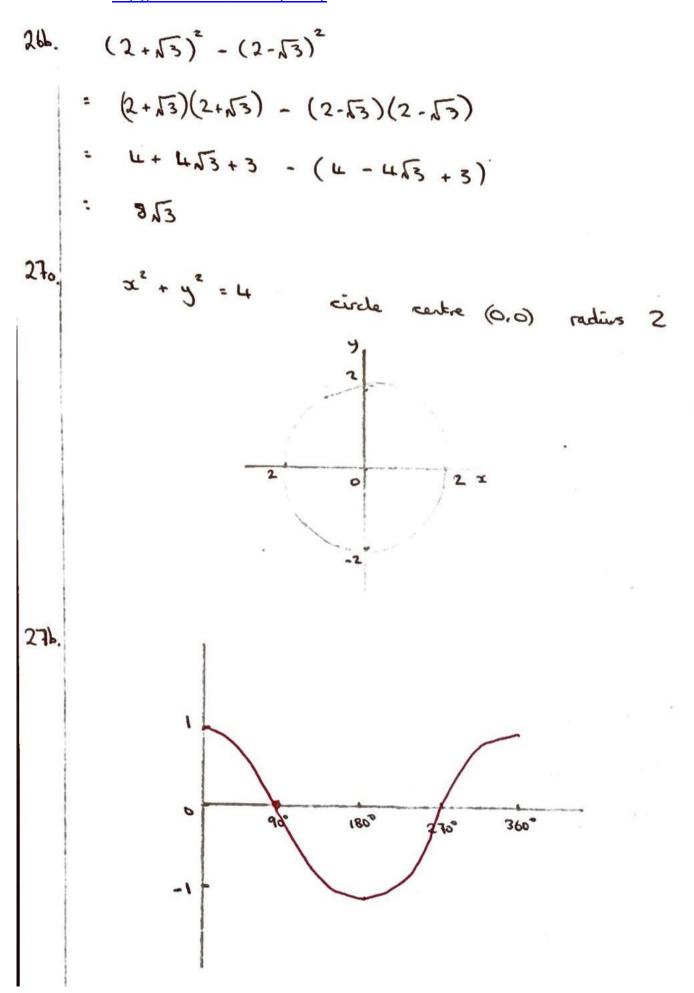
: 7.5

24.

25

25%.

26a.



$$\vec{Nm} : \vec{Nr} + \vec{Pm}$$

$$\vec{b} + \frac{1}{2}(a-3b)$$

$$\vec{a} - \frac{1}{2}b$$

$$\vec{NC}$$
: $\vec{NP} + \vec{PB} + \vec{BC}$

= $b + a - 3b + a$

= $2a - 2b$

= $4(\frac{1}{2}a - \frac{1}{2}b)$

= $4(\vec{NM})$