

1 of 10

ANSWER

A B C D

Explanation

AQA

Assessing potential

PQ is a straight line.
Work out the size of angle y .

y

$y - 10^\circ$

Not drawn accurately

A

B

C

D

85°

90°

95°

100°

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ANSWER

A B C D

Explanation

OCR

Organising Content Resources

Expand and simplify $(2x + 1)(x - 4)$

A

$2x^2 - 4$

B

$2x^2 - 7x - 4$

C

$3x^2 - 3$

D

$2x^2 - 3x - 4$

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ANSWER

A B C D

edexcel

A circle has an area of 144π . Which of the following is the correct calculation for working out the circle's radius?

A

$144\pi \div \pi = 144$
 $144 \div 2 = 72\text{cm}$

B

$144\pi \div \pi = 144\text{cm}$

C

$144\pi \div \pi = 144$
 $\sqrt{144} = 12$
 $12 \div 2 = 6\text{cm}$

D

$144\pi \div \pi = 144$
 $\sqrt{144} = 12\text{cm}$

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Explanation

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ANSWER

A B C D

AQA

Assessing progress

After a pay rise of 3%, Priya earns £360 a week. Which calculation works out her pay before the pay rise?

A

$\pounds 360 \div 1.03$

B

$\pounds 360 \times 0.97$

C

$\pounds 360 \div 1.3$

D

$\pounds 360 \times 1.03$

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Explanation

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ANSWER

A B C D

edexcel

What is the number 15 846 when rounded to the nearest:

a) 10?
b) 100?
c) 1000?

A

a) 15 840
b) 15 800
c) 16 000

B

a) 15 850
b) 15 800
c) 16 000

C

a) 15 850
b) 15 900
c) 16 000

D

a) 15 850
b) 15 800
c) 20 000

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Explanation

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OCR

A road on a map is 5cm long and represents an actual distance of 200m.

What scale is used for the map?

A

B

C

D

40 : 1

1 : 40

1 : 4000

1 : 400

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ANSWER

A B C D

Explanation

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AQA

Lee does a sponsored silence for $2\frac{1}{4}$ hours.

He is sponsored 80p per minute.

How much does he raise?

A

B

C

D

£108

£116

£10 800

£11 600

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ANSWER

A B C D

Explanation

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OCR

Jessica and Heena share some money in the ratio 4 : 7.

Heena received £15 more than Jessica. How much money was shared between the two of them at the start?

A

B

C

D

£165

£45

£55

Not enough information

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ANSWER

A B C D

Explanation

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ANSWER

A B C D

edexcel

A running club has 50 members.
30 of the members take part in road races.
15 of the members take part in fell races.
12 of the members do not run in road or fell races.

R represents those runners who run in Road races.
F represents those runners who run in Fell races.

What number should replace the star?

A 7 B 5
C 45 D 38

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Explanation

10 of 10

ANSWER

A B C D

AQA

Shape P is reflected in the line $y = 1$

Which point does the vertex $(2, -1)$ reflect to?

A $(2, 3)$
B $(2, 1)$
C $(0, -1)$
D $(3, 2)$

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Explanation

Online access

To access the online version of your quiz and to check your answers [click here](#) or scan the QR code.

