



New Maths GCSE: G20 - Which Trigonometry Calculation?

Name:.....

Date:.....

What is the correct calculation to find the missing side?

a) $3 \div \sin(40)$
b) $3 \div \cos(40)$
c) $\cos(40) \div 3$
d) $\cos^{-1}(3 \div 40)$

Designed using: **Autograph**

Correct Answer: A B C D

Explanation:

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What is the correct calculation to find the missing side?

a) $\sin(35 \times 9)$
b) $\sin(35) \times 9$
c) $9 \div \sin(35)$
d) $\sin^{-1}(35) \times 9$

Designed using: **Autograph**

Correct Answer: A B C D

Explanation:

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What is the correct calculation to find the missing angle?

a) $\tan^{-1}(9 \div 12)$
b) $\tan^{-1}(12 \div 9)$
c) $\tan(9 \div 12)$
d) $\tan(12 \div 9)$

Designed using: **Autograph**

Correct Answer: A B C D

Explanation:

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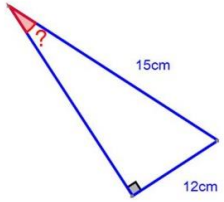
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What is the correct calculation to find the missing angle?

a) $\tan^{-1}(12 \div 15)$
 b) $\cos^{-1}(12 \div 15)$
 c) $\sin^{-1}(12 \div 15)$
 d) $\sin(12) \div 15$



Designed using: **Autograph**

Correct Answer: A B C D

Explanation:

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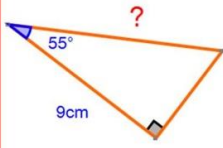
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When Isabelle worked out the length of the missing side, she got 7.6cm. Why can't this be correct?

a) it is not a whole number
 b) it is less than 9cm
 c) it is an isosceles triangle
 d) she must have guessed as there is not enough information to work it out



Designed using: **Autograph**

Correct Answer: A B C D

Explanation:

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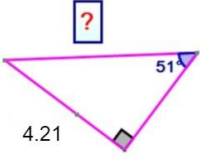
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What is the correct calculation to find the missing side?

a) $4.21 \div \sin(51)$
 b) $4.21 \times \sin(51)$
 c) $\sin(51) \div 4.21$
 d) $\sin^{-1}(4.21 \div 51)$



Designed using: **Autograph**

Correct Answer: A B C D

Explanation:

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