



# Angles on Parallel Lines

Name: .....

Date: .....

I= Eedi

These two angles are...

A corresponding and so add up to  $180^\circ$   
 B corresponding and so are equal  
 C alternate and so add up to  $180^\circ$   
 D alternate and so are equal

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Correct Answer: A B C D

Explanation:

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Which angle is corresponding to angle x?

A  
 B  
 C  
 D

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Correct Answer: A B C D

Explanation:

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Angles 4 and 5 are...

A Corresponding  
 B Alternate  
 C Allied / Co-interior  
 D No relation

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Correct Answer: A B C D

Explanation:

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Work out  $x$

a)  $149^\circ$   
 b)  $141^\circ$   
 c)  $31^\circ$   
 d)  $39^\circ$

Correct Answer: A B C D

Explanation:

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Work out  $x$

a) 140    b) 70    c) 110    d) 120

Correct Answer: A B C D

Explanation:

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Calculate  $t$ .

A  $t = 15^\circ$     B  $t = 115^\circ$     C  $t = 65^\circ$     D  $t = 295^\circ$

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Correct Answer: A B C D

Explanation:

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These are a pair of alternate angles. What do we know about these angles?

A They add up to  $90^\circ$   
 B They add up to  $180^\circ$   
 C They add up to  $360^\circ$   
 D They are equal

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Correct Answer: A B C D

Explanation:

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Work out x

a)  $32^\circ$   
b)  $148^\circ$   
c)  $132^\circ$   
d)  $48^\circ$

Correct Answer: A B C D

Explanation:

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