



Angles - Week 1 - Quiz A

Name:

Date:

I= Eedi

How many degrees are there in three-quarters of a turn?

A 75° B 90° C 180° D 270°

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Correct Answer: A B C D

Explanation:

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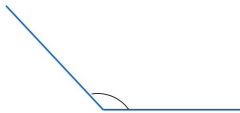
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Which of the following is the best estimate of the size of this angle?



A 60° B 90° C 120° D 160°

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Correct Answer: A B C D

Explanation:

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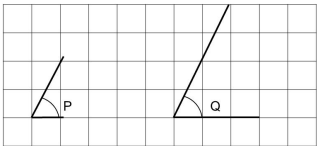
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Which of the following statements is correct?



A Angle P is larger than Angle Q B Angle Q is larger than Angle P C Angles P and Q are the same size D It is impossible to answer without measuring

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Correct Answer: A B C D

Explanation:

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Which protractor is positioned correctly to most easily measure the obtuse angle below (shown in red)?

A B C D

A B Both Neither

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Correct Answer: A B C D

Explanation:

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What is the size of this angle?

A B C D

65° 75° 125° 115°

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Correct Answer: A B C D

Explanation:

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Four students have measured this angle. Which student is the most accurate?

A B C D

33° 47° 147° 153°

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Correct Answer: A B C D

Explanation:

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What is the size of this angle?

A B C D

15°
165°
0°
This is not an angle

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Correct Answer: A B C D

Explanation:

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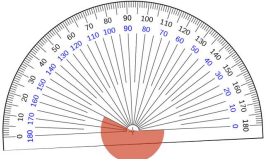
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Tom and Katie are arguing about the size of the marked angle.

Tom says it is 150°

Katie says it is 210°

Who is correct?



A Only Tom
 B Only Katie
 C Both Tom and Katie
 D Neither is correct

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Correct Answer: A B C D

Explanation:

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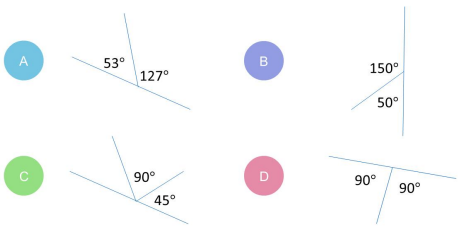
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Which of the following **cannot** represent a straight line?



A
 B
 C
 D

[not to scale]

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Correct Answer: A B C D

Explanation:

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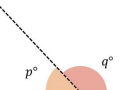
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Which of the following is true?

A $p + q = 90^\circ$
 B $p + q = 100^\circ$
 C $p + q = 180^\circ$
 D $p + q = 360^\circ$

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Correct Answer: A B C D

Explanation:

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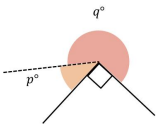
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Tom and Katie are arguing about the diagram on the right.

Tom says it shows: $p + q < 360^\circ$

Katie says it shows: $p + q = 270^\circ$

Who is correct?



A Only Tom
 B Only Katie
 C Both Tom and Katie
 D Neither is correct

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Correct Answer: A B C D

Explanation:

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p , q and r are 3 angles around a point.

Tom and Katie are arguing about them!

Tom says p , q and r cannot all be acute.

Katie says p , q and r cannot all be obtuse.

Who is correct?

A Only Tom
 B Only Katie
 C Both Tom and Katie
 D Neither is correct

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Correct Answer: A B C D

Explanation:

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What is the size of angle n ?

A 132°
 B 142°
 C 102°
 D 312°

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Correct Answer: A B C D

Explanation:

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What is the size of angle y ?

A 90°
 B 72°
 C 60°
 D Not enough information

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Correct Answer: A B C D

Explanation:

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The diagram shows a regular hexagon and a square.

What is the size of angle a ?

A 210°
 B 120°
 C 150°
 D Not enough information

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Correct Answer: A B C D

Explanation:

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