

تم تحميل هذا الملف من موقع المناهج الإماراتية



*للحصول على أوراق عمل لجميع الصفوف وجميع المواد اضغط هنا

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* للحصول على أوراق عمل لجميع مواد الصف الرابع اضغط هنا

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للتحدث إلى بوت المناهج على تلغرام: اضغط هنا

https://t.me/almanahj_bot

Ain Jaloot School
2020-2021



Chapter 16

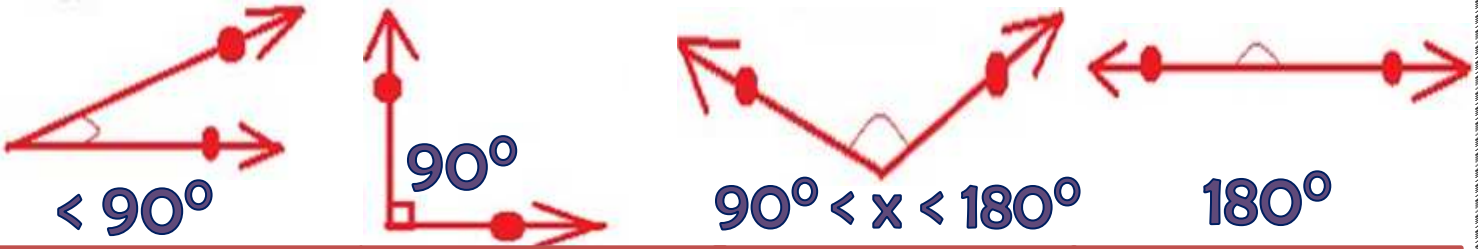
Geometry





LESSON 1+2 ... Classify angles تصنيف الزوايا

(الهدف) Outcomes: I can classify angles by name



A cute angle

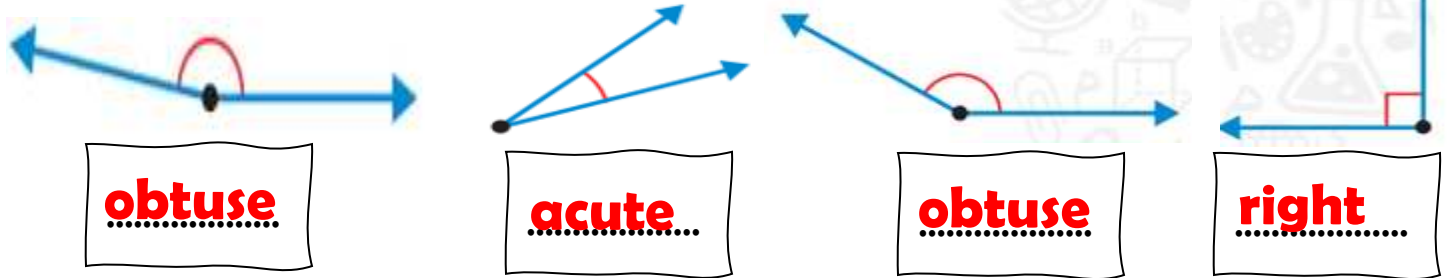
right angle

obtuse angle

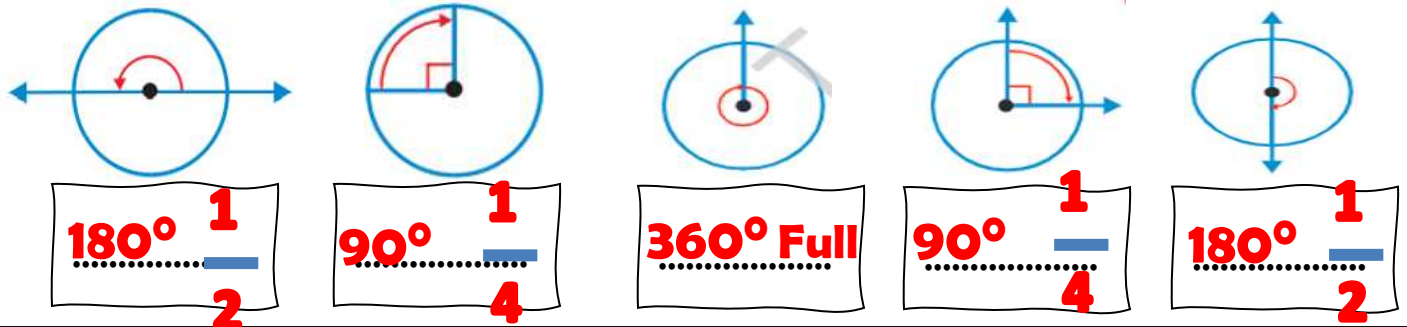
straight angle

The unit to measure angle is **degree** (°)

Q1 : **classify** each angles are acute , right , obtuse

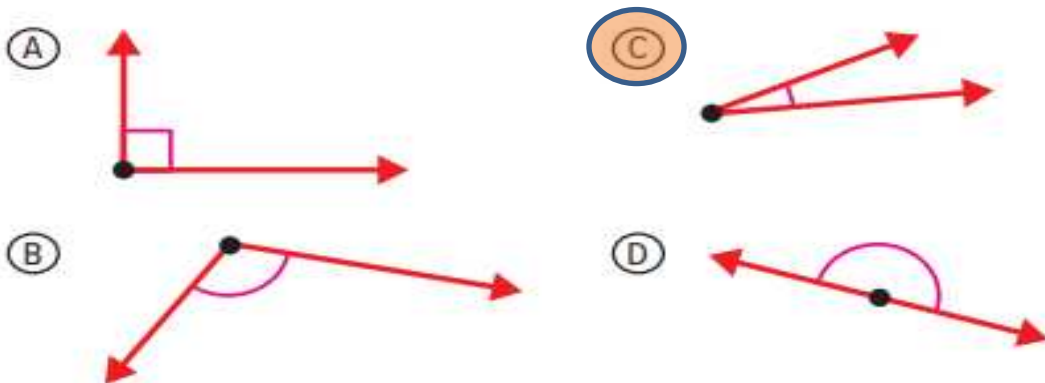


Q2 : Write the **Measure of the angle in degree** and as fraction :



Q3 : **Choose** the correct answer :

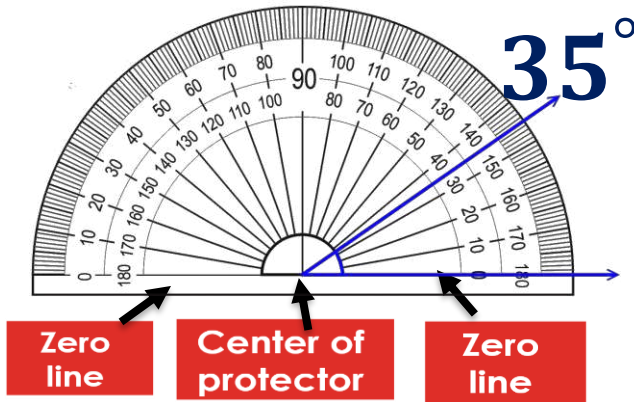
Which is the acute angle?





LESSON 3 ... measure angles قياس الزوايا

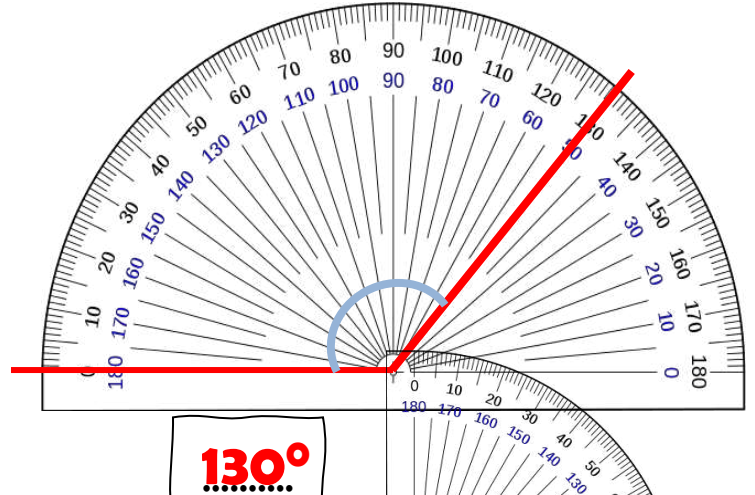
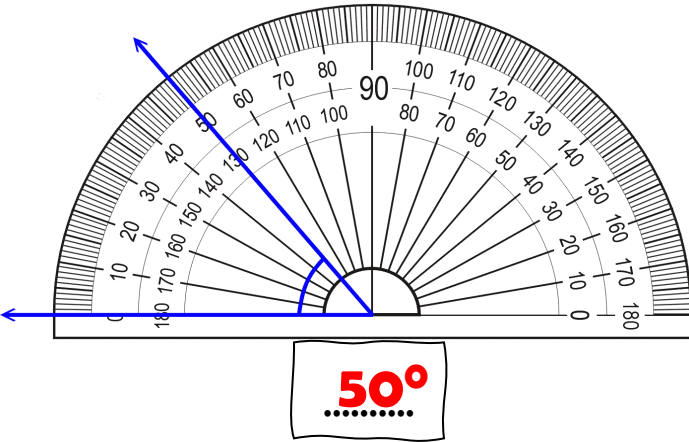
(الهدف) Outcomes: I can measure angles using protractor المنقلة



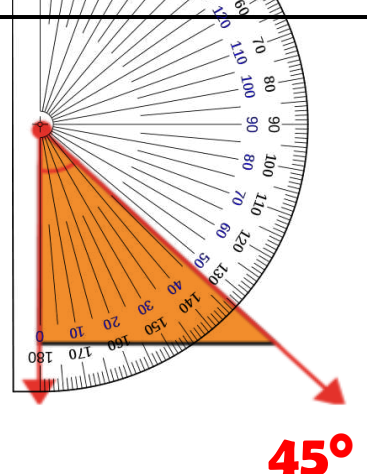
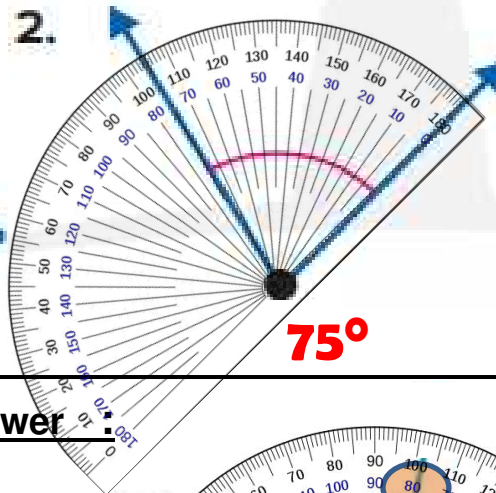
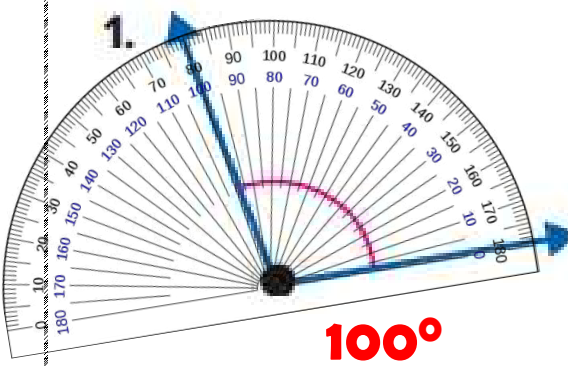
1. Line up the protractor
2. Line up angle
3. Measure the angle

نضع مركز المنقلة (في الوسط) عند نقطة التقاء الشعاعين و نضع الزاوية على خط الصفر ثم نبدأ بالعد من الصف الى 35 درجة ..

Q1 : Measure the angles :



Q2 : Use the protractor to Measure the angles :



Q3 : Choose the correct answer :

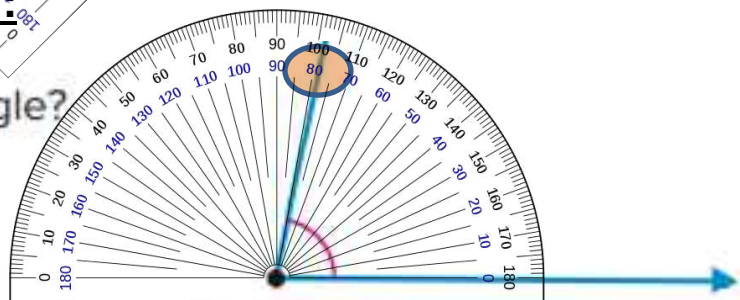
What is the measure of the angle?

(A) 90°

(C) 75°

(B) 80°

(D) 70°





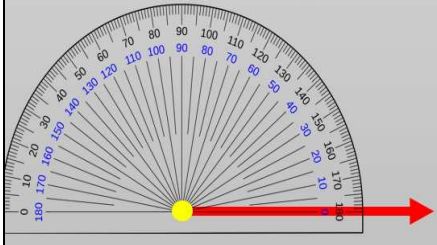
LESSON 4 ... Draw angles قياس الزوايا

(الهدف) Outcomes: I can draw angle using ruler and protractor

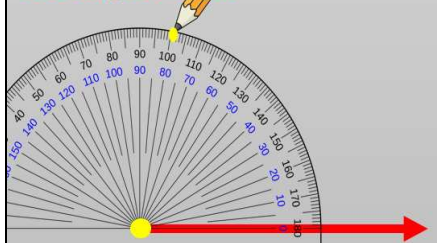
First: we put the **endpoint** then draw the **line with ruler**



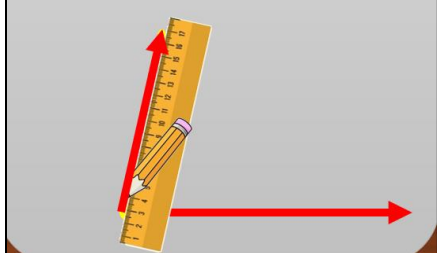
Second: We define the **endpoint** with the center of the protractor



Third: I specify the degree of the angle I want



Fourth: Using the ruler, connect the endpoint with the angle marker

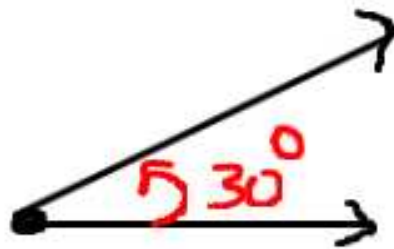


Hey .. I was able to draw the angle easily and it is an **acute angle**

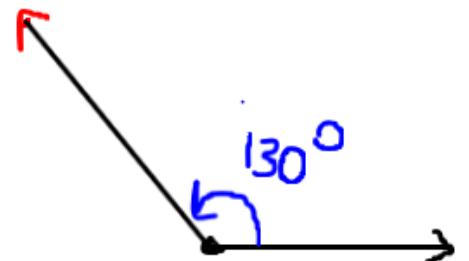


Q1 : **Draw an angle** for each measure and the name :

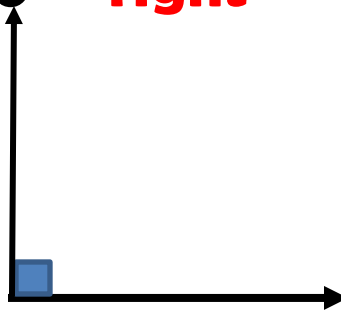
30° acute



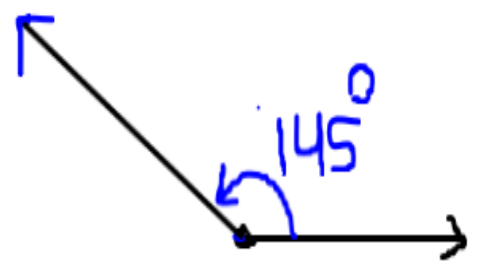
130° obtuse



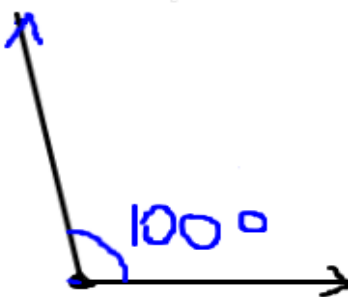
90° right



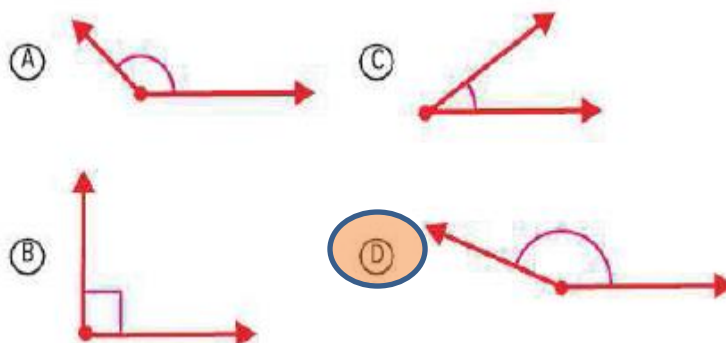
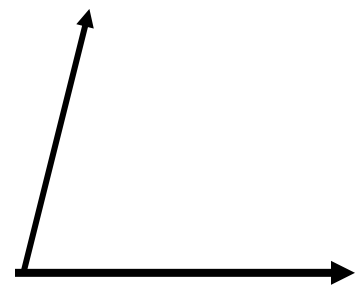
145° obtuse



100° obtuse



80° acute

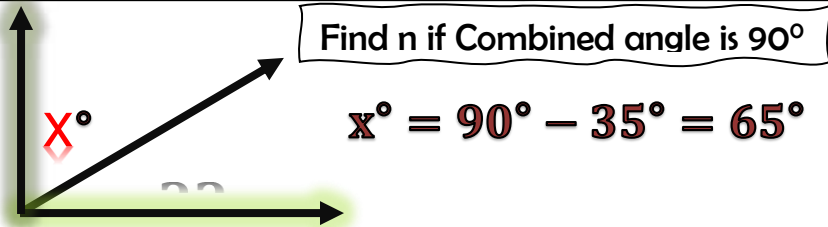
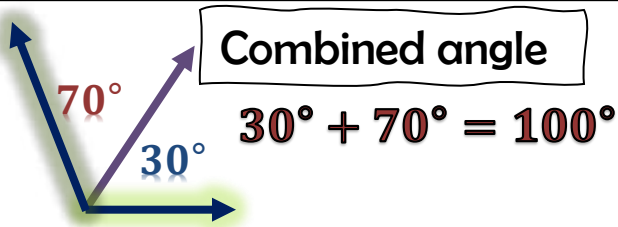


Which is the correct drawing of a **160°** angle?



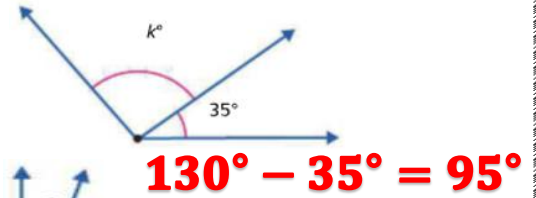
LESSON 5 ... Solve problem with angles

(الهدف) Outcomes: I can find unknown from the combined angle

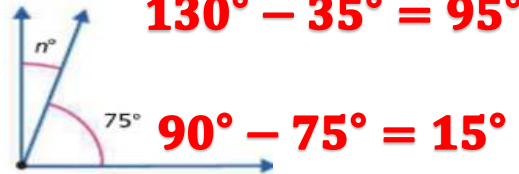


Q1 : Choose the correct answer :

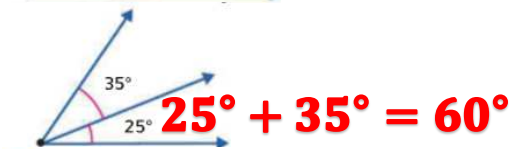
1) Find unknown is combined angle is 130° :
 a) 165° b) 85° **c) 95°**



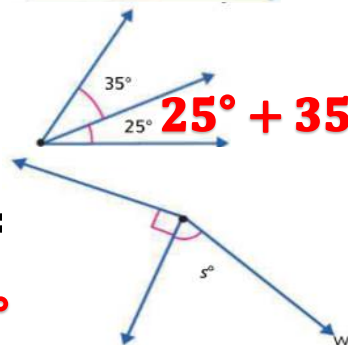
2) Find unknown is combined angle is 90° :
 a) 5° **b) 15°** c) 25°



1) Find the combined angle measure :
 a) 10° **b) 60°** c) 70°



3) Find unknown is combined angle is 150° :
a) 60° b) 50° c) 40°
 $150^\circ - 90^\circ = 60^\circ$



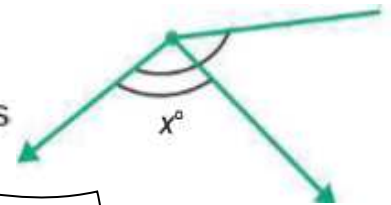
Q2 : Problem solving :

Mathematical Practices



Model Math

The combined measure of the angles is 150° . One angle measures 50° . Find the value of x.



$150^\circ - 50^\circ = 100^\circ$

The combined angle measure is 120° . What is the value of n?

(A) 45

(B) 40

(C) 35

(D) 30

$120^\circ - 80^\circ = 40^\circ$

