

**Explorer les angles  
d'un quadrilatère  
ou d'un triangle**

**Exploring Interior  
Angles**

Extra Practice

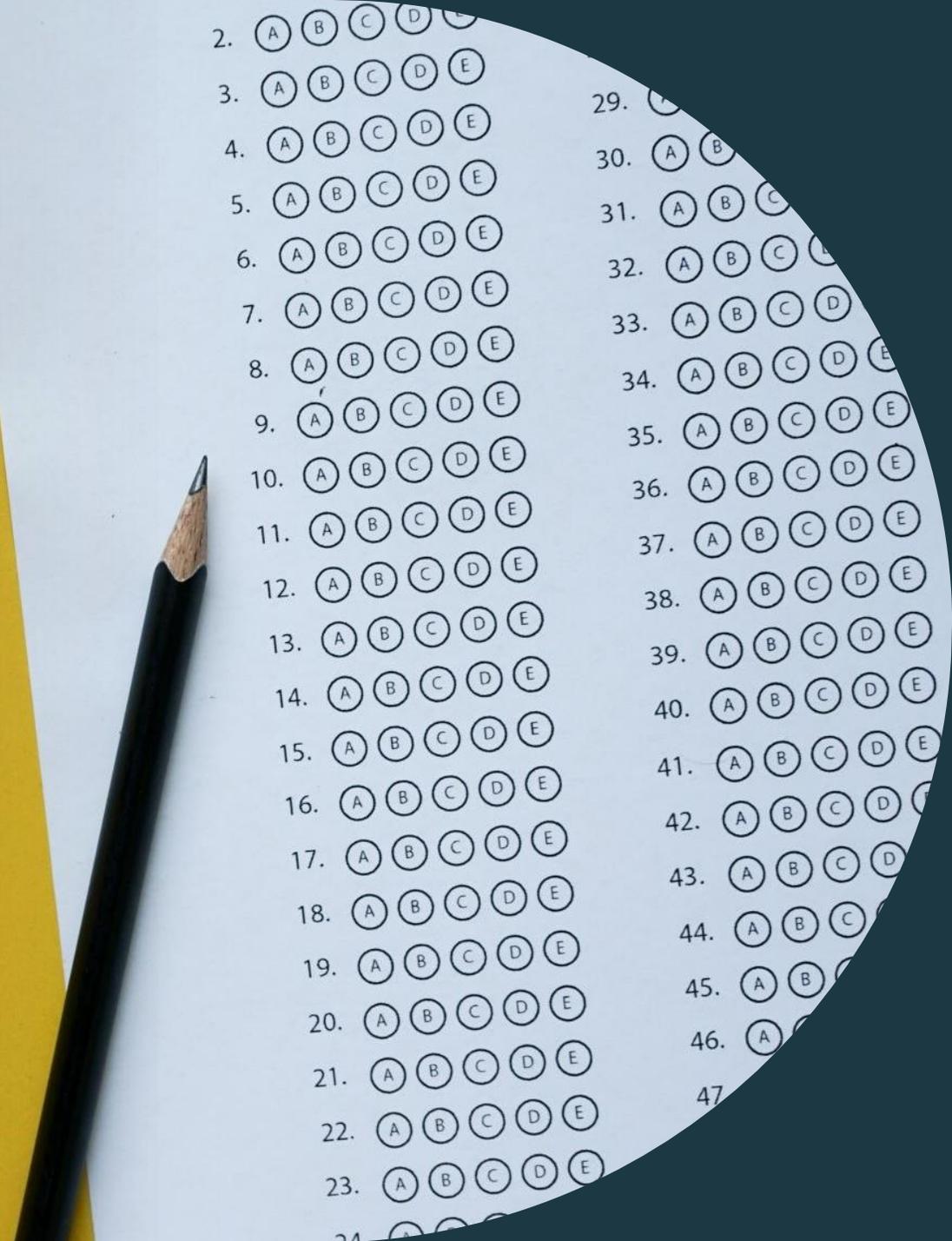


**Qu'est-ce qu'un quadrilatère?**

**Faites le Step-by-Step, ensuite  
le Test Yourself.**

**Incrivez et corrigez vos  
reponses dans vos cahiers de  
maths.**

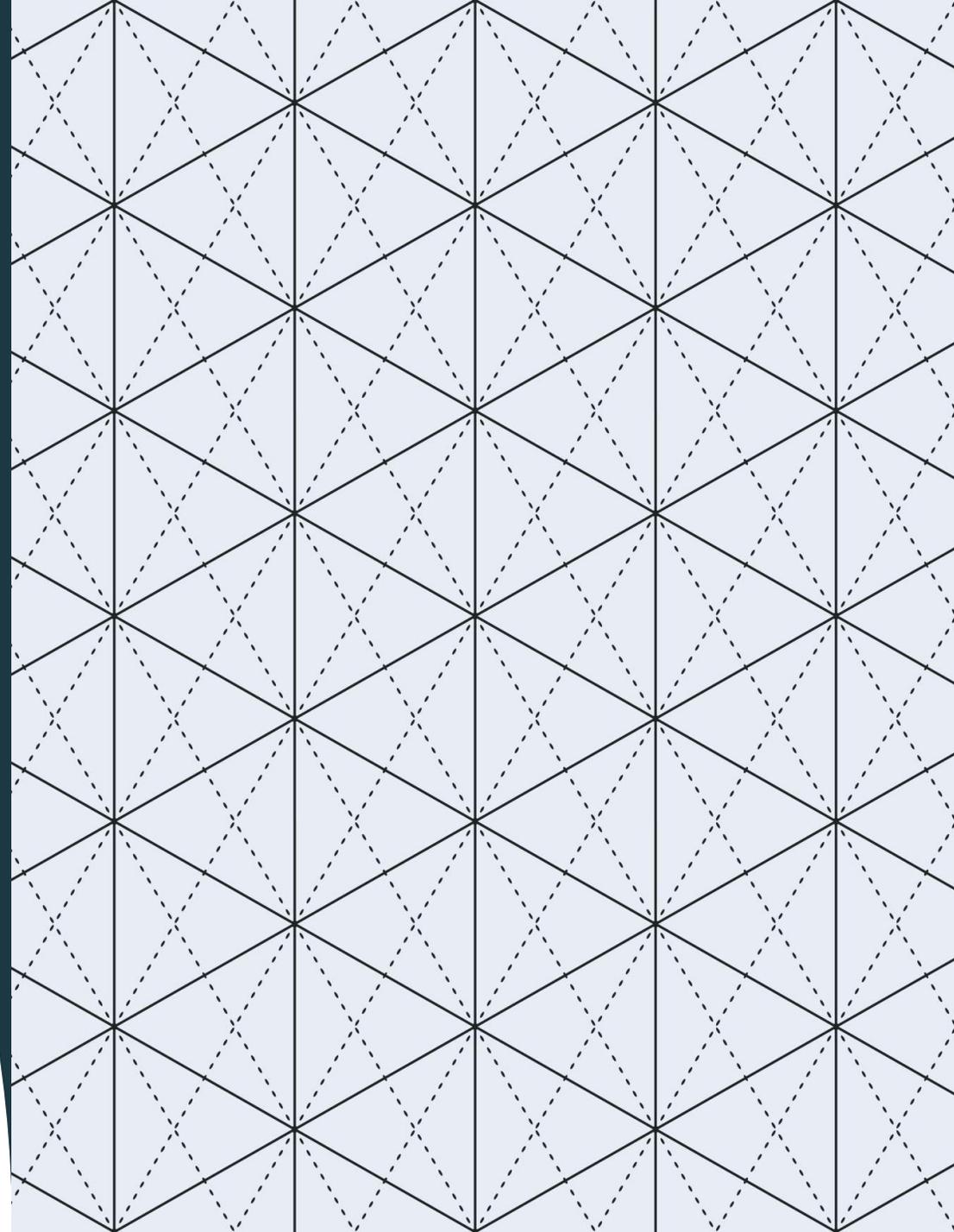
**<https://studyjams.scholastic.com/studyjams/jams/math/geometry/classify-quadrilaterals.htm>**



**Écoutez à ces vidéos  
pour mieux comprendre:**

**[Missing Angles in  
Triangles](#)**

**[Finding the Missing  
Angle of a Quadrilateral |  
Math with Mr. J](#)**



**Explorez ce site web. Lisez toutes les sections. Faites les questions de pratique. Écrivez vos réponses dans vos cahiers de maths.**

**<https://www.mathsisfun.com/geometry/interior-angles-polygons.html>**

**Explorez et allez plus loin avec  
les triangles...**

**<https://www.mathsisfun.com/geometry/interior-angles.html>**

# Êtes-vous prêts? Cherchez un livret de travail pour vérifier votre compréhension.

No protractor allowed! **SS1- SS2 Mid-Unit Check** Name: \_\_\_\_\_

1. Two angles are **Complementary** when they add up to 90 degrees (a Right Angle).  
Knowing one angle in these right angles, calculate the complementary angle for each.



Two Angles are **Supplementary** when they add up to 180 degrees (a straight angle).  
Knowing one angle in these straight angles, calculate the supplementary angle for each.



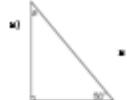
2. A student drew 4 different triangles.  
She recorded the angle measures in a table.

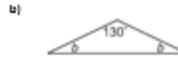
Triangle	$\angle A$	$\angle B$	$\angle C$	TOTAL <sup>o</sup>	Yes/No
a)	50°	40°	90°		
b)	37°	33°	120°		
c)	82°	24°	74°		
d)	60°	57°	61°		

Did the student measure the angles in each triangle correctly?  
Write **yes** or **no** in column.  
How do you know?

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3. Determine the measure of each unknown angle without measuring knowing that the sum of the angles inside the triangle is 180°.  
**Show on the bottom line how you found the measurement of each angle.**

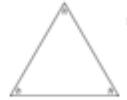
a)  a = \_\_\_\_\_

b)  b = \_\_\_\_\_

c)  c = \_\_\_\_\_

d)  d = \_\_\_\_\_

e)  e = \_\_\_\_\_

f)  f = \_\_\_\_\_

4. Determine the unknown angle measure in each quadrilateral.

a)  a) \_\_\_\_\_

b)  b) \_\_\_\_\_

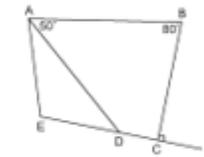
c)  c) \_\_\_\_\_

d)  d) \_\_\_\_\_

e)  e) \_\_\_\_\_

f)  f) \_\_\_\_\_

5. Find the measure of  $\angle ADE$ . Show all the steps you took to find its measure.

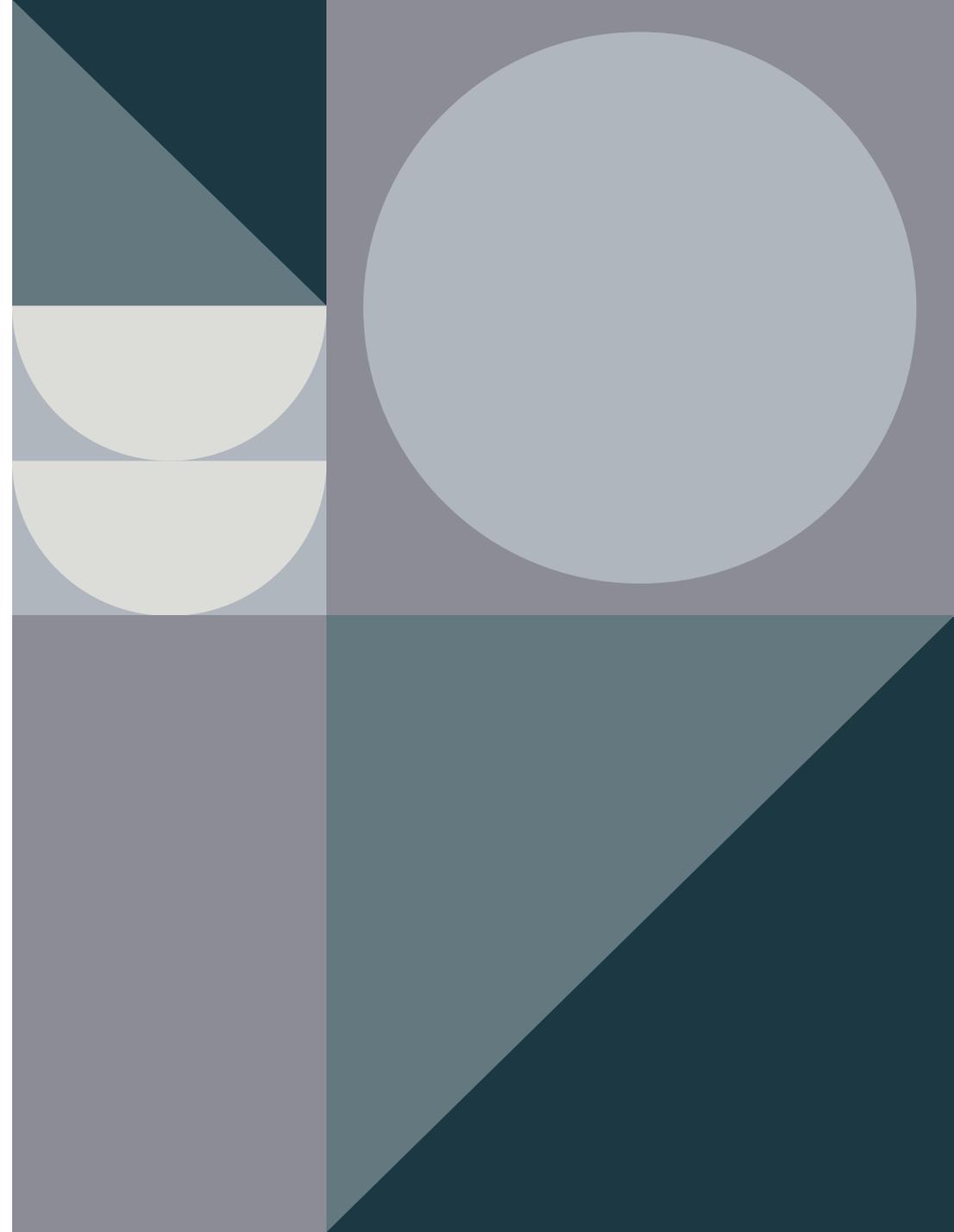


**Allez plus loin! Vous pouvez apprendre encore plus avec ces trois vidéos!**

[Complementary Angles](#)

[Supplementary Angles](#)

[Adjacent Angles](#)



**Feuilles de  
pratique!  
Demandez à  
votre  
enseignant(e)**

