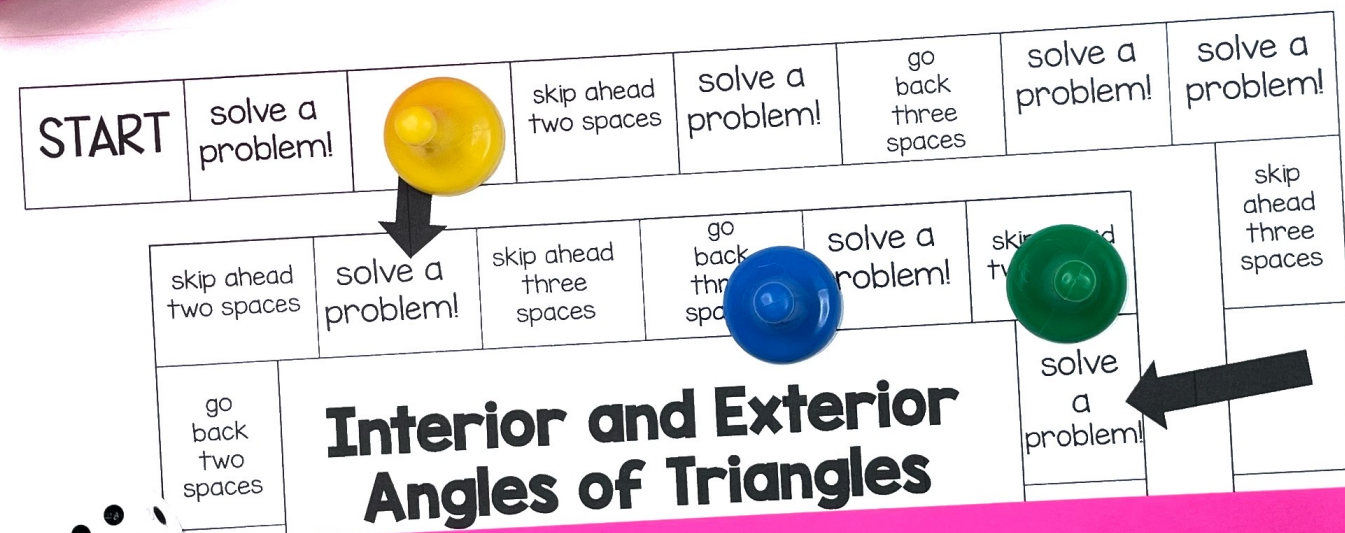


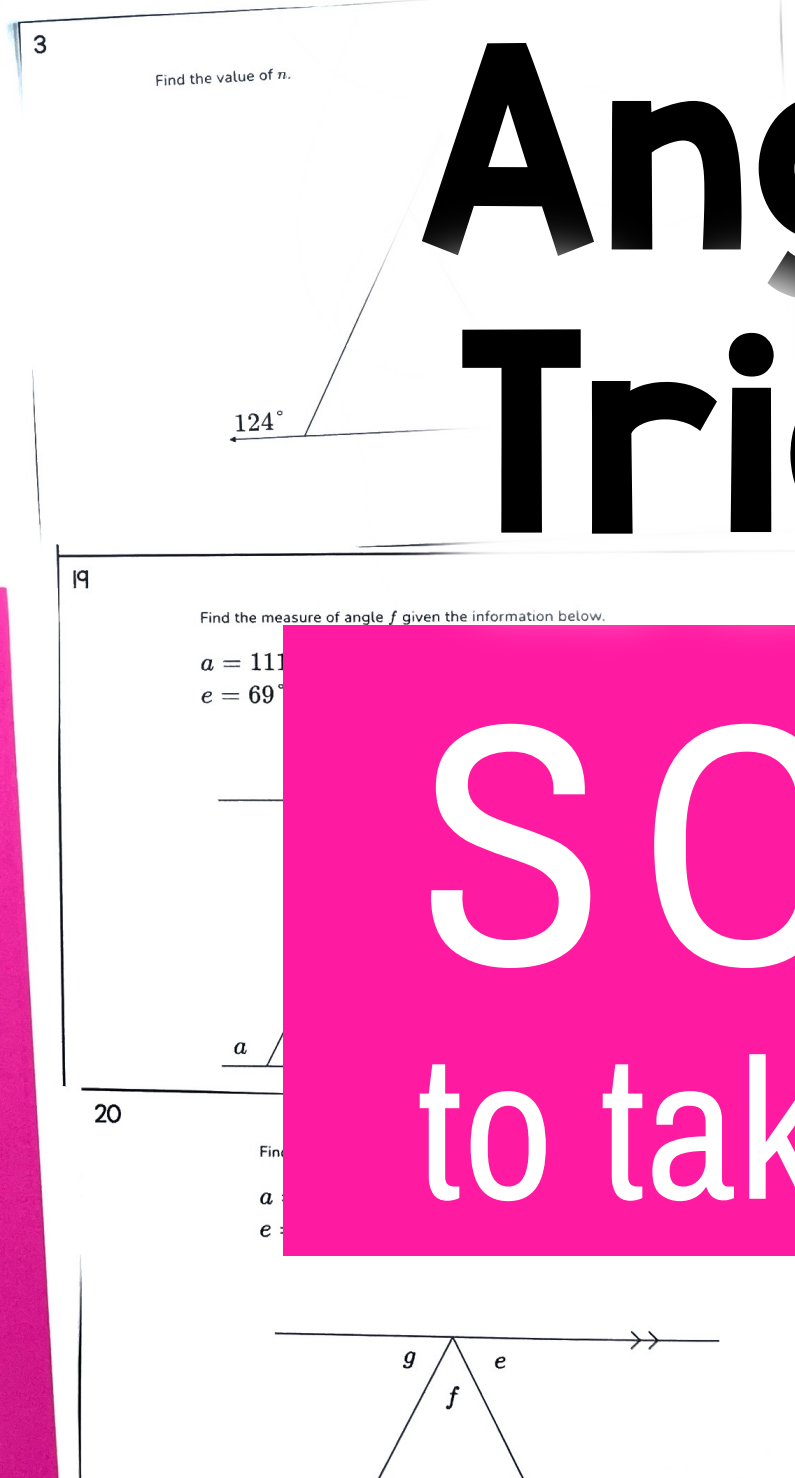
Interior & Exterior Angles of Triangles

SCROLL
to take a look inside!

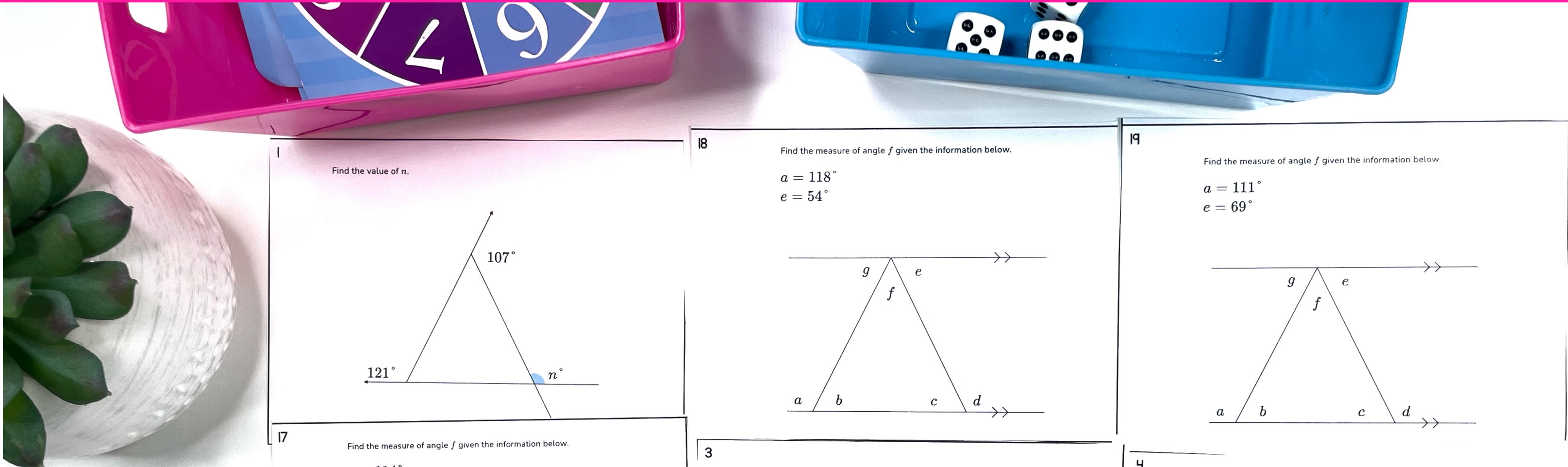


Interior and Exterior Angles of Triangles Recording Sheet

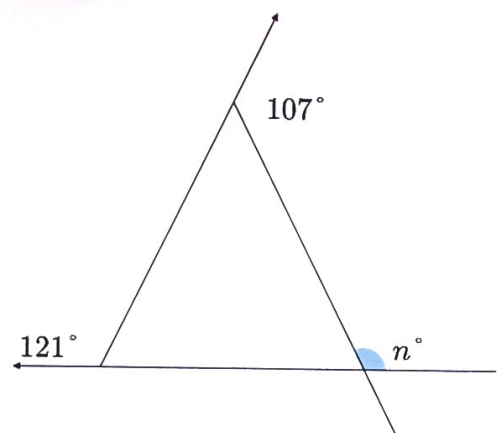
1	2	3	4
$\angle n = 132^\circ$	$\angle c = 120^\circ$	$\angle n = 117^\circ$	$\angle z = 132^\circ$
5	6	7	8
$\angle b = 127^\circ$	$\angle z = 55^\circ$	$\angle x = 72^\circ$	$\angle b = 48^\circ$
9	10	11	12
$\angle z = 45^\circ$	$\angle a = 64^\circ$	$\angle x = 134^\circ$	$\angle b = 137^\circ$
13	14	15	



Math Skills Included:

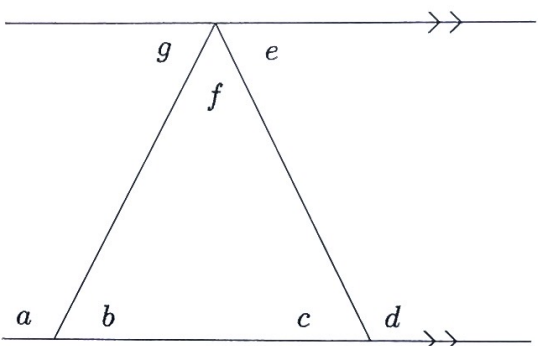


1 Find the value of n .



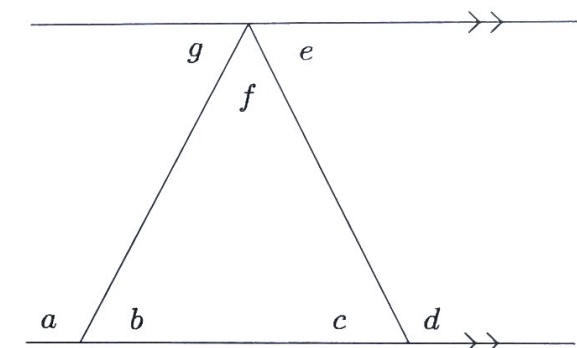
18 Find the measure of angle f given the information below.

$a = 118^\circ$
 $e = 54^\circ$



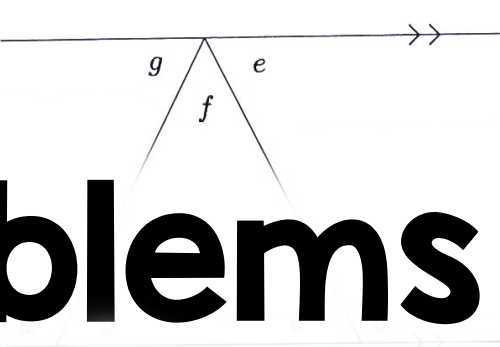
19 Find the measure of angle f given the information below.

$a = 111^\circ$
 $e = 69^\circ$




17 Find the measure of angle f given the information below.

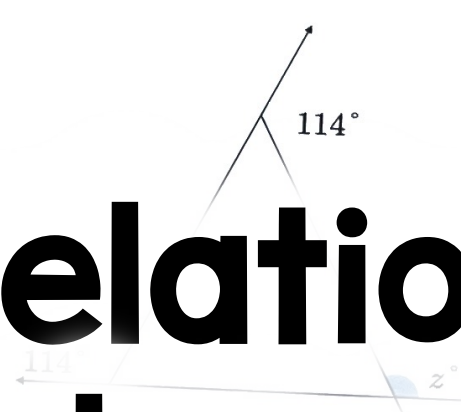
$a = 114^\circ$
 $e = 58^\circ$



3 Find the value of n .




4 Find the value of z .



Find the measure of angle f given the information below.

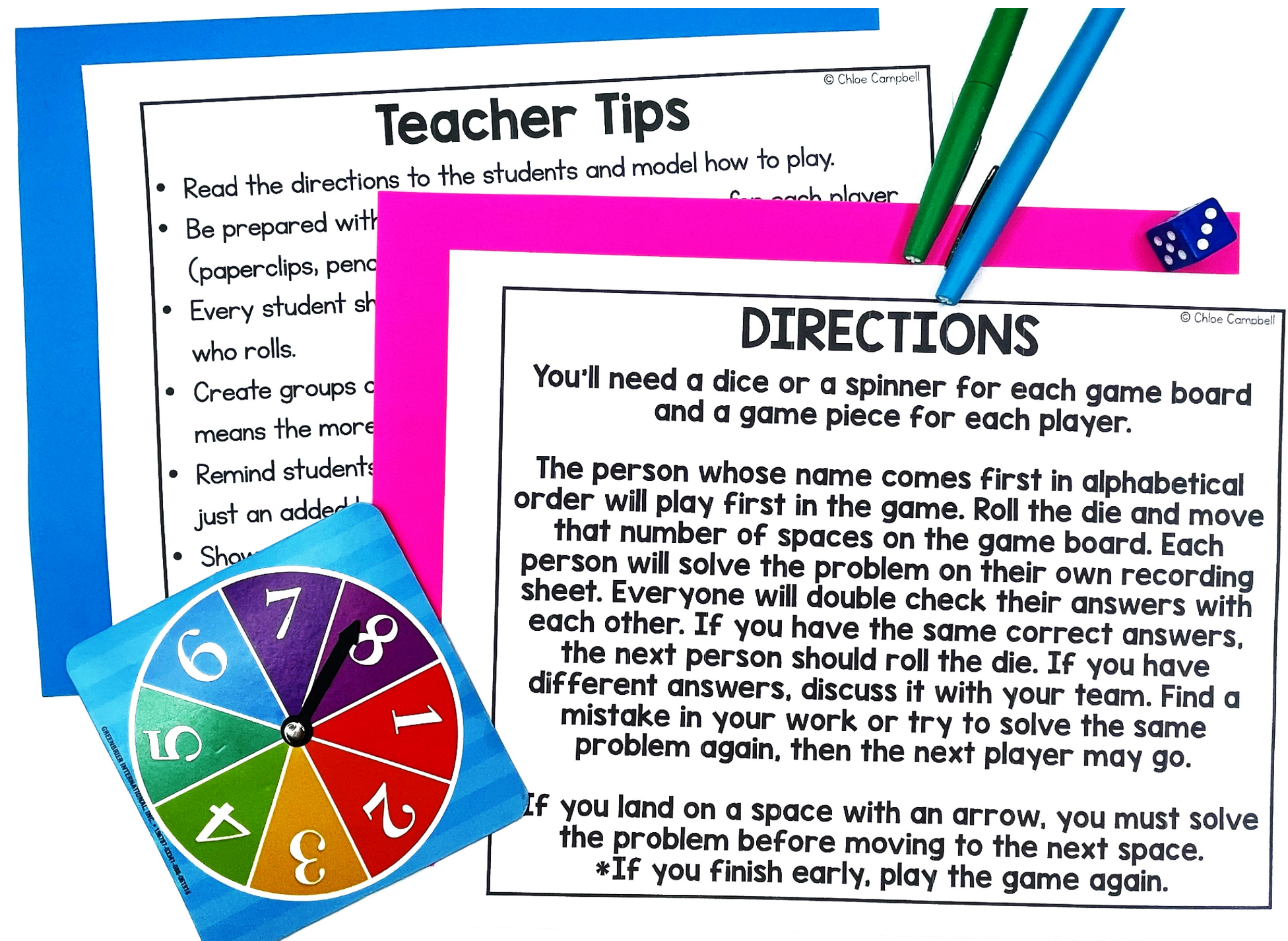
$a = 107^\circ$
 $e = 64^\circ$



Solve problems involving the relationships of interior and exterior angles of a triangle

You'll Receive

- ★ Teacher Tips
- ★ Student Directions
- ★ Printable Math Board Game
- ★ Recording Sheet
- ★ Answer Key



START solve a problem! skip ahead two spaces solve a problem! back three spaces problem! problem!

skip ahead two spaces solve a problem! skip ahead three spaces go back two spaces solve a problem! skip ahead two spaces solve a problem! skip ahead three spaces

go back two spaces

Interior and Exterior Angles of Triangles

Student Recording Sheet

Name: _____

Interior and Exterior Angles of Triangles Recording Sheet

1	2	3	4
$\angle n = 132^\circ$	$\angle c = 120^\circ$	$\angle n = 117^\circ$	$\angle z = 132^\circ$
5	6	7	8
$\angle b = 127^\circ$	$\angle z = 55^\circ$	$\angle x = 72^\circ$	$\angle b = 48^\circ$
9	10	11	12
$\angle z = 45^\circ$	$\angle a = 64^\circ$	$\angle x = 134^\circ$	$\angle b = 137^\circ$
13	14	15	

$a = 111^\circ$
 $e = 69^\circ$

Find the measure of angle f given the information below.

$a = 107^\circ$
 $e = 64^\circ$

© Chloe Campbell

HAPPY TEACHERS SAID...

“ This was a hit during centers. All students were engaged, and better yet – learning! Love this! ”

“ My students love playing games and a simple, easy prep game like this is a great addition to math centers, early finisher activities, and review days. ”

“ These are great for small group stations! What a fun task card adaptation. Students get to play a fun and competitive board game, but they also get to practice learning. Plus, the recording sheet makes it easy to grade and monitor student progress; they aren't just playing they are actively learning and participating with evidence of ability. Great resource! ”

What's the Best Way to Use this Game?

- ✓ Math Centers or Stations
 - ✓ Whole Group Practice
 - ✓ Morning Work
 - ✓ Partner Activity
 - ✓ Early Finisher Tasks
 - ✓ Substitutes

Tips for Playing Math Games:

- ★ Read the directions to the students and model how to play.
- ★ Be prepared with dice/spinner and game pieces for each player (paperclips, pencil top erasers, pieces from another game, etc.)
- ★ Every student should solve every problem – not just the person who rolls.
- ★ Create groups of 2-4 students. The lower number of students means the more focused students are while playing.

Tips for Playing Math Games:

- ★ Remind students that the focus is not playing the game...that's just an added bonus! The focus should be on practicing the math skills.
- ★ Show students how to compare and discuss answers. Did you both get the same answer? If students get different answers, ask them to solve the problem using a different strategy or help coach each other through the problem.

Why Board Games?

Research shows that
challenge-based gamification in
the classroom lead to an increase
of 34.755% in student performance

(ScienceDirect, 2020).

Students won't even realize they are learning!

The image displays a collection of math resources for learning about triangles. At the top, a pink spinner is divided into sections with numbers 8, 7, and 9. Next to it is a blue tray containing several white dice. Below these is a game board titled "Interior and Exterior Angles of Triangles" with a path of spaces and instructions like "solve a problem!", "skip ahead two spaces", and "go back three spaces". A yellow pin is placed on the first "solve a problem!" space, a blue pin on a "skip ahead three spaces" space, and a green pin on a "solve a problem!" space. A small white die is also visible. In the foreground, a pink "Interior and Exterior Angles of Triangles Recording Sheet" is shown with handwritten answers in blue ink. A pink pen rests on the sheet. To the right, two worksheets are visible. Worksheet 3 shows a triangle with interior angles of 119° and 124° , and an exterior angle labeled n° . Worksheet 19 shows a triangle with interior angles $a = 111^\circ$ and $e = 69^\circ$, and an exterior angle labeled f . Worksheet 20 shows a triangle with interior angles $a = 107^\circ$ and $e = 64^\circ$, and an exterior angle labeled f .

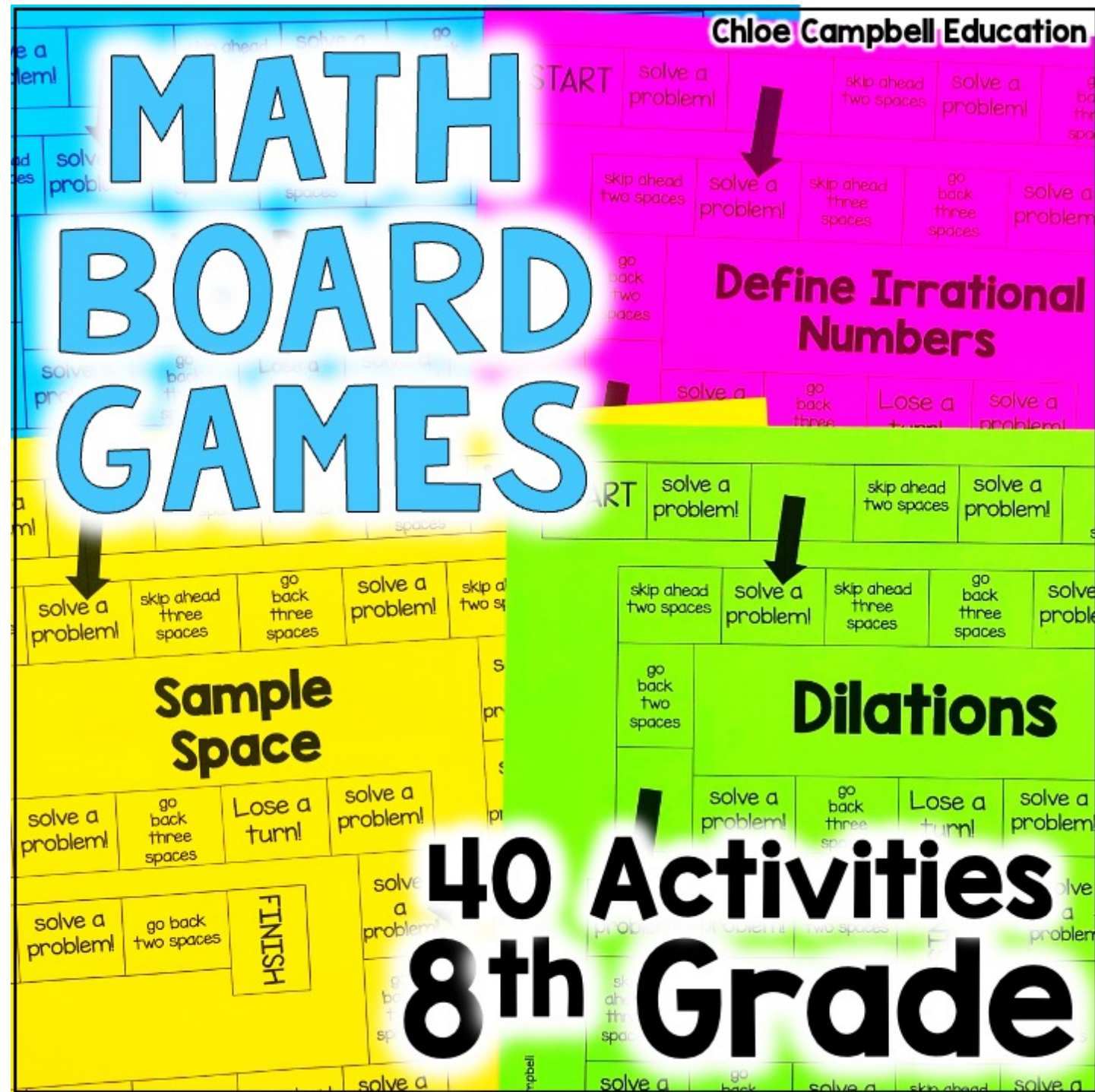
Interior and Exterior Angles of Triangles Recording Sheet

Name: _____			
1 $\angle n = 132^\circ$	2 $\angle c = 120^\circ$	3 $\angle n = 117^\circ$	4 $\angle z = 132^\circ$
5 $\angle b = 127^\circ$	6 $\angle z = 55^\circ$	7 $\angle x = 72^\circ$	8 $\angle b = 48^\circ$
9 $\angle z = 45^\circ$	10 $\angle a = 64^\circ$	11 $\angle x = 134^\circ$	12 $\angle b = 137^\circ$
13	14	15	16

ADD TO CART

Purchase now to see
student engagement
and student
achievement increase!

Save MONEY and Get the BUNDLE!



Click
Here for
the
Bundle!