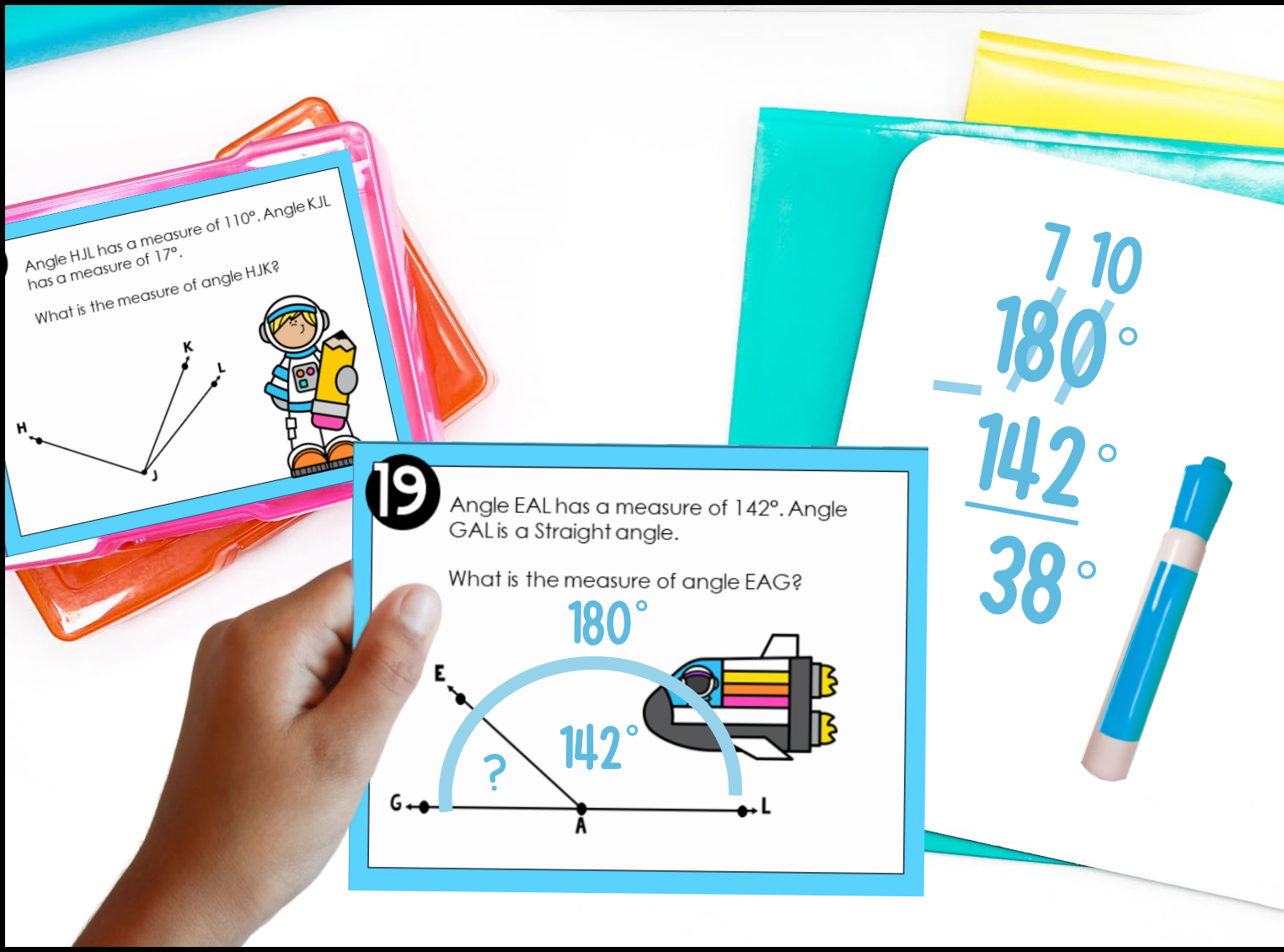


Missing Angles

With a Shared Ray

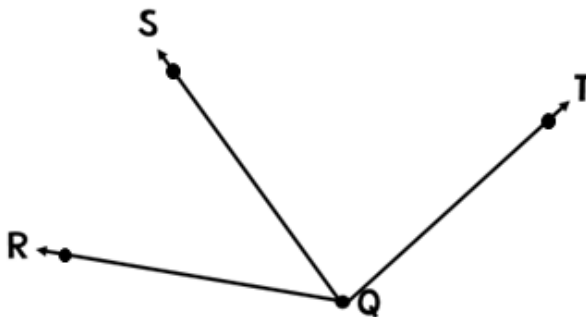


Test-formatted Questions

24

Angle SQR has a measure of 44° . Angle TQS has a measure of 84° .

What is the measure of angle RQT?



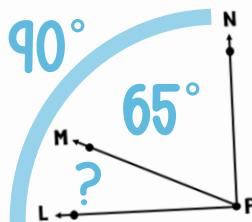
No Prep Practice

Put the pages in dry erase pockets for a no prep math station.

17

Angle NPM has a measure of 65° . Angle LPN is a right angle.

What is the measure of angle MPL?



18

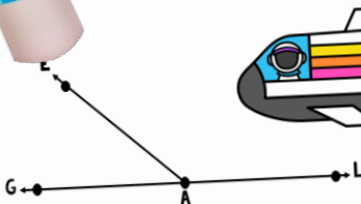
Angle HJL has a measure of 110° . Angle KJL has a measure of 17° .

What is the measure of angle HJK?



Angle EAL has a measure of 142° . Angle GAL is a Straight angle.

What is the measure of angle EAG?



UNKNOWN ANGLES



NAME: _____

Make it a Game

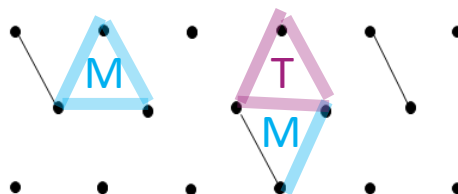
Use the included game cards to use the task cards to play a fun game!

Capture the Triangles Game Directions

1. Mix up the cards.
2. Each player turns over a card and determines the measure of the unknown angle on his/her card. Players can check each other's answers using the key.
3. If a player is correct, he/she gets to draw a line connecting 2 dots.
4. If you draw the 3rd side of a triangle to complete it, you capture that triangle and write your initials inside it.
5. Play until all of the triangles have been captured. The winner is the player with the most triangles.
6. When all the cards have been used, mix them and use them again.



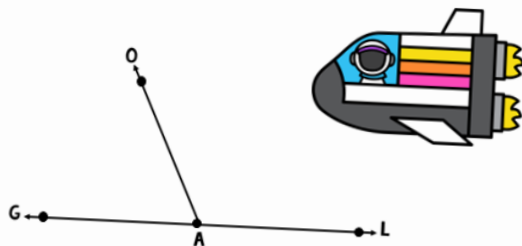
Capture the Triangles Game Board



4

Angle OAL has a measure of 115° . Angle GAL is a Straight angle.

What is the measure of angle GAO?

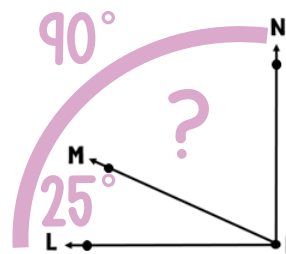


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5

Angle LPM has a measure of 25° . Angle LPN is a right angle.

What is the measure of angle MPN?



24 Task Cards

in color and blackline versions

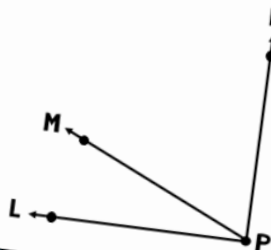
5

Angle LPM has a measure of 25° . Angle LPN is a right angle.
What is the measure of angle MPN?



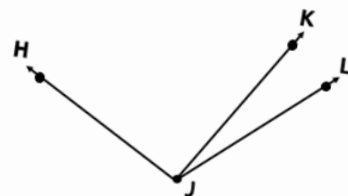
5

Angle LPM has a measure of 25° . Angle LPN is a right angle.
What is the measure of angle MPN?



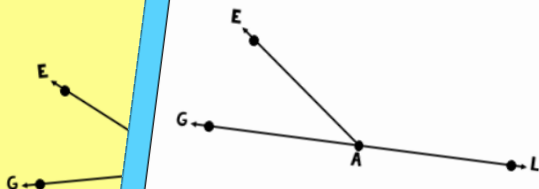
6

Angle HJK has a measure of 93° . Angle KJL has a measure of 17° .
What is the measure of angle HJL?



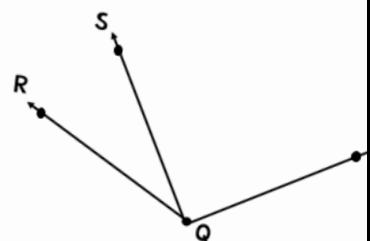
7

Angle GAE has a measure of 38° . Angle GAL is a straight angle.
What is the measure of angle EAL?



8

Angle RQT has a measure of 121° . Angle SQT is a right angle.
What is the measure of angle RQS?



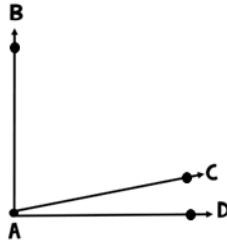
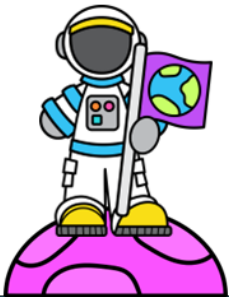
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Fun & Engaging Practice

1

Angle BAC has a measure of 78° . Angle BAD is a right angle.

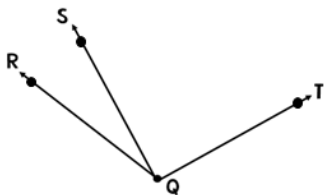
What is the measure of angle CAD?



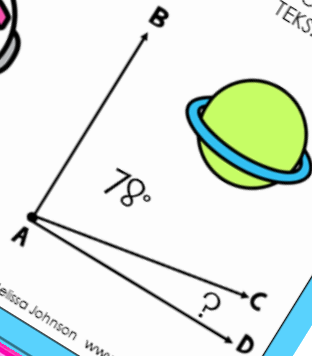
2

Angle RQS has a measure of 23° . Angle SQT is a right angle.

What is the measure of angle RQT?



UNKNOWN ANGLES



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3

Angle MAT has a measure of 34° . Angle TAR has a measure of 46° .

What is the measure of angle MAR?



UNKNOWN ANGLES



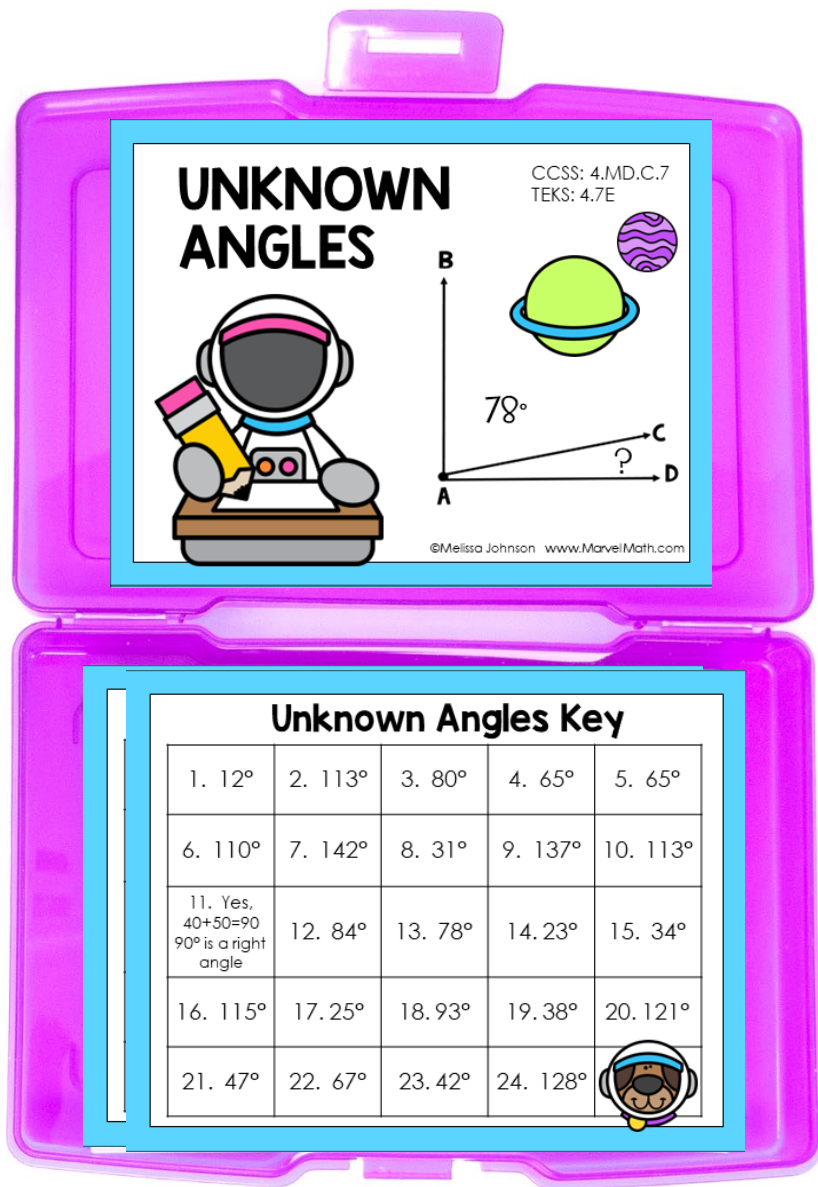
NAME: _____

1	2	3	4	5
6	7	8	9	10
11	1 Angle BAC has a measure of 78°. Angle BAD is a right angle. What is the measure of angle CAD?			15
16				20
21				24



Easy Organization

Task Card
sized
Cover
& **Key**
included



About the Author

This resource was created by Melissa Johnson, who has 16 years of k-10 teaching experience and a masters degree in Mathematics Education. Her resources build conceptual understanding, make connections between math topics and engage students in the mathematics they are learning.



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