

NCTM Content Standards Assessment Rubric

Geometry

Student's Name: _____ Assignment: _____ Level: _____

	Level 1	Level 2	Level 3	Level 4
Understanding Numbers, Ways of Representing Numbers, Relationships Among Number Systems	<ul style="list-style-type: none"> Demonstrates a limited understanding of numbers, ways of representing numbers and relationships among number systems 	<ul style="list-style-type: none"> Demonstrates a basic understanding of numbers, ways of representing numbers and relationships among number systems 	<ul style="list-style-type: none"> Demonstrates a good understanding of numbers, ways of representing numbers and relationships among number systems 	<ul style="list-style-type: none"> Demonstrates a thorough understanding of numbers, ways of representing numbers and relationships among number systems
Understanding Meanings of Operations and How They Relate to One Another	<ul style="list-style-type: none"> Demonstrates a limited understanding of the meanings of operations and how they relate to one another 	<ul style="list-style-type: none"> Demonstrates a basic understanding of the meanings of operations and how they relate to one another 	<ul style="list-style-type: none"> Demonstrates a good understanding of the meanings of operations and how they relate to one another 	<ul style="list-style-type: none"> Demonstrates a thorough understanding of the meanings of operations and how they relate to one another
Computing and Making Estimates	<ul style="list-style-type: none"> Demonstrates limited ability in computing and making estimates 	<ul style="list-style-type: none"> Demonstrates some ability in computing and making estimates 	<ul style="list-style-type: none"> Demonstrates satisfactory ability in computing and making estimates 	<ul style="list-style-type: none"> Demonstrates strong ability in computing and making estimates

STRENGTHS:

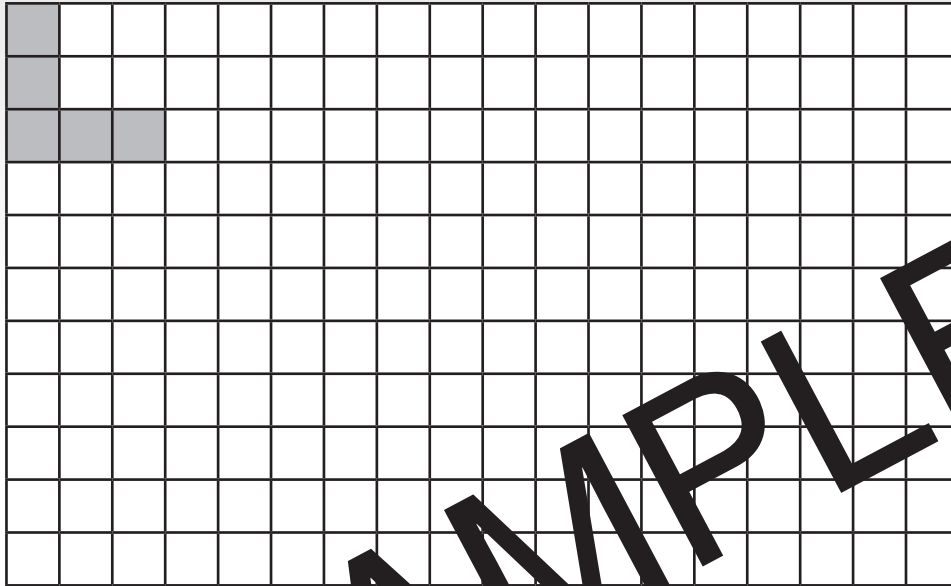
WEAKNESSES:

NEXT STEPS:



Task Sheet 14

14a) Cam arranged five squares so that each square touches another square on at least one side. What possible arrangements could Cam have made?



SAMPLE

Answer:

b) Carefully cut out the arrangements made. Twist, turn, and flip the arrangements to see if any of them are actually the same. How many different arrangements were actually made?

Explore With Technology



With the help of an adult, use the Internet to learn more about pentominoes.

NAME: _____

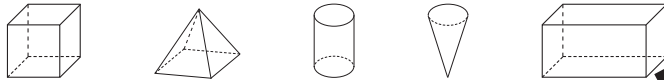


Review B

1a) Draw a shape with three sides.

b) Draw a shape with four sides.
All of the sides are the same length.

c) Color the shapes that have a circle as one of its faces.



d) Color the shapes that have a square as one of its faces.



e) Which shape is made with triangles?



f) Which pair are the same size and the same shape?



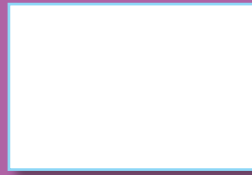
g) Draw a different shape that is the same size.

Flips, Slides and Turns

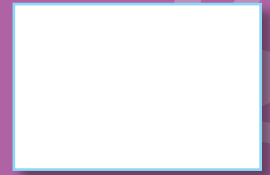


Draw the flip, slide or turn for each shape.

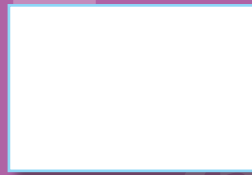
a) Flip:



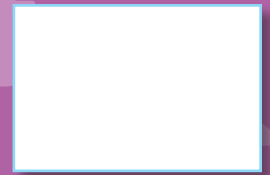
h) Turn:



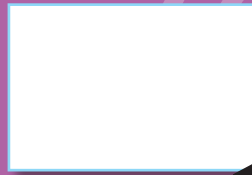
b) Slide:



i) Turn:



c) Flip:



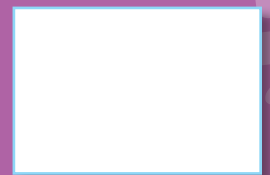
j) Flip:



d) Turn:



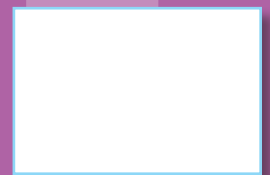
k) Turn:



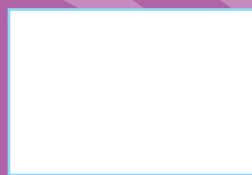
e) Flip:



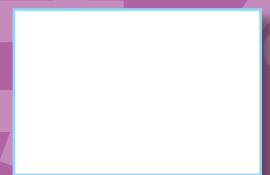
l) Flip:



f) Turn:



m) Flip:



g) Slide:



n) Turn:



SAMPLE