Student	Content Score	Math Practice Score
3rd Grade		
A	1	2
Did not select the correct fraction, supported their reasoning of G being bigger because of G's size		
Student has a correct explanation with only partial clarity stating that G is bigger than F, lacking a connection to the area of the shaded parts.		
B	4	4
Selected the correct fraction for the shaded parts as ¼, precisely		
Student supported their reasoning of G having a larger area and states that ¼ of G has a larger area so ¼ of G is larger than ¼ of F.		
C	2	1
Selected ¼,		
Student did not address the area of the shapes to determine the larger area		
4th Grade		
A	2	1
Correctly identified the fraction of the shaded area as 1/4 the student numbered the rectangles but does not explain how that helped them know the shaded area was 1/4.		
Student makes some attempt to show their reasoning by numbering the rectangles.		
B	3	2
Correctly identified the fraction of the shaded area as ¼, states that Laura is right (correct), but does not refer to the picture to support their reasoning.		
Supported their answer with mathematically correct reasoning 3/12 = ¼		
C	4	4
Correctly identified the fraction of the shaded area as ¼, states that Laura is right (correct), and uses the picture to support their explanation.		
5th Grade		
A	4	4
Used the rectangle to show the partial products, shows addition to 17 1/2 .		
Supports their reasoning precisely by recognizing what Rob was missing.		
B	3	1
Multiplied 5 ¼ and 3 1/3 correctly by rounding 3 1/3 to 3.33.		
Did not support their reasoning for Rob's misconception.		
C	2	3
Showed all of the partial products, but did not add accurately.		
Supports their reasoning adequately by recognizing which numbers Rob forgot to multiply.		