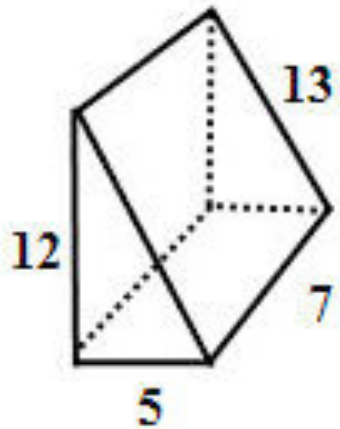
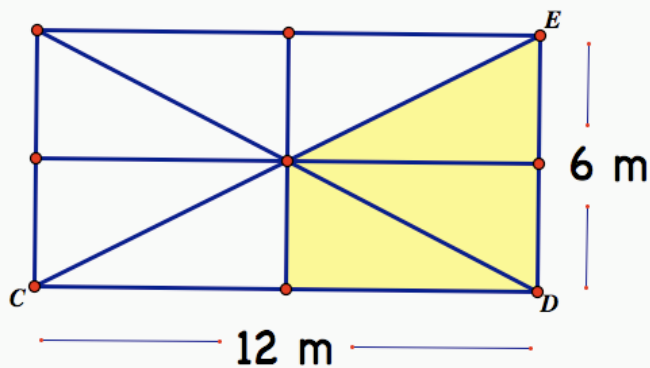


WARM-UP PROBLEMS

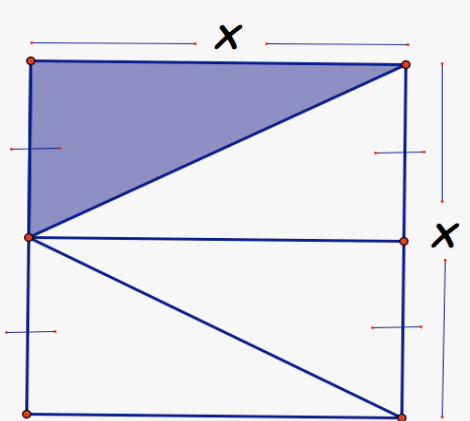
1) Find the surface area.



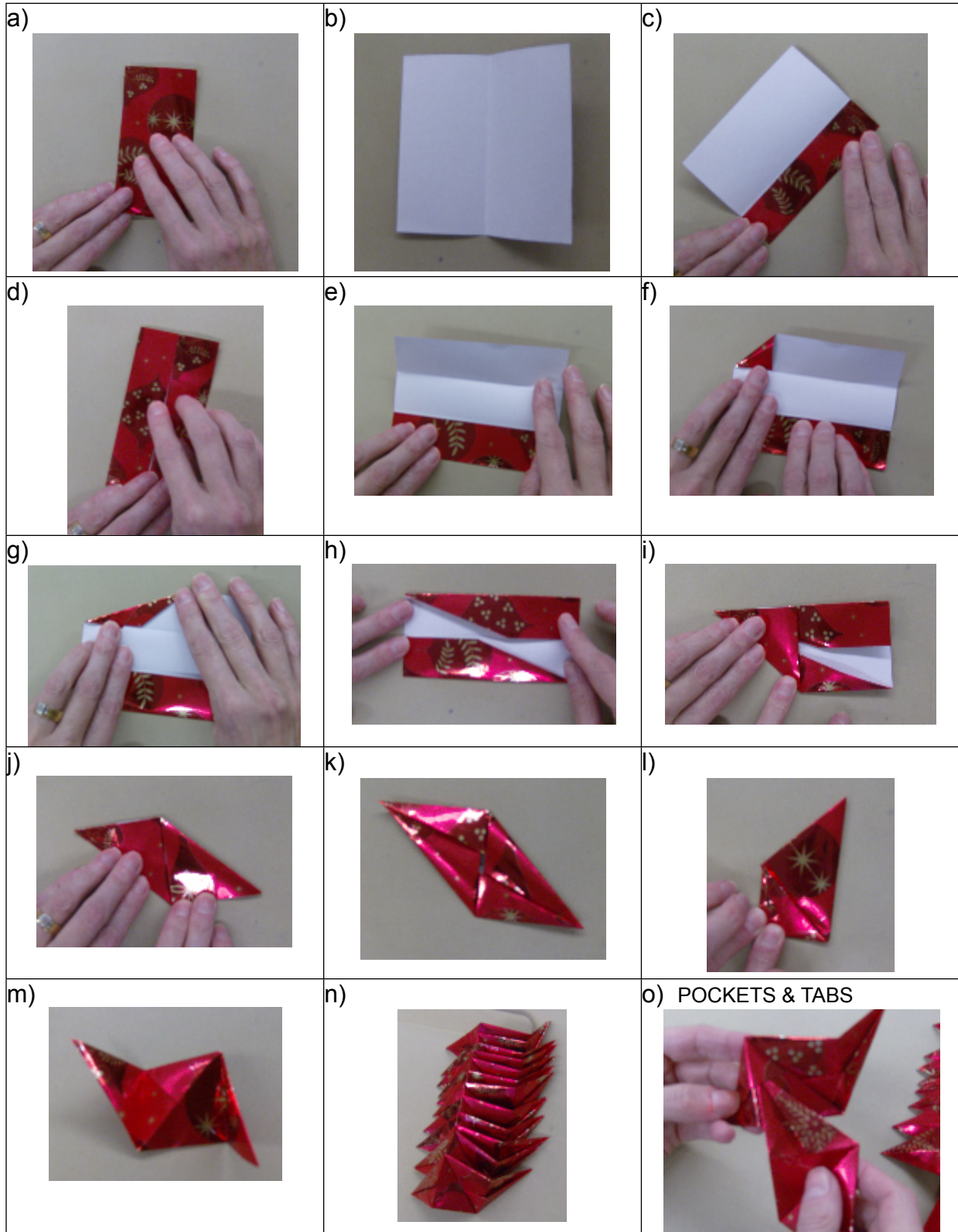
2) Find the area of the shaded region.



3) Find the area of the shaded region.

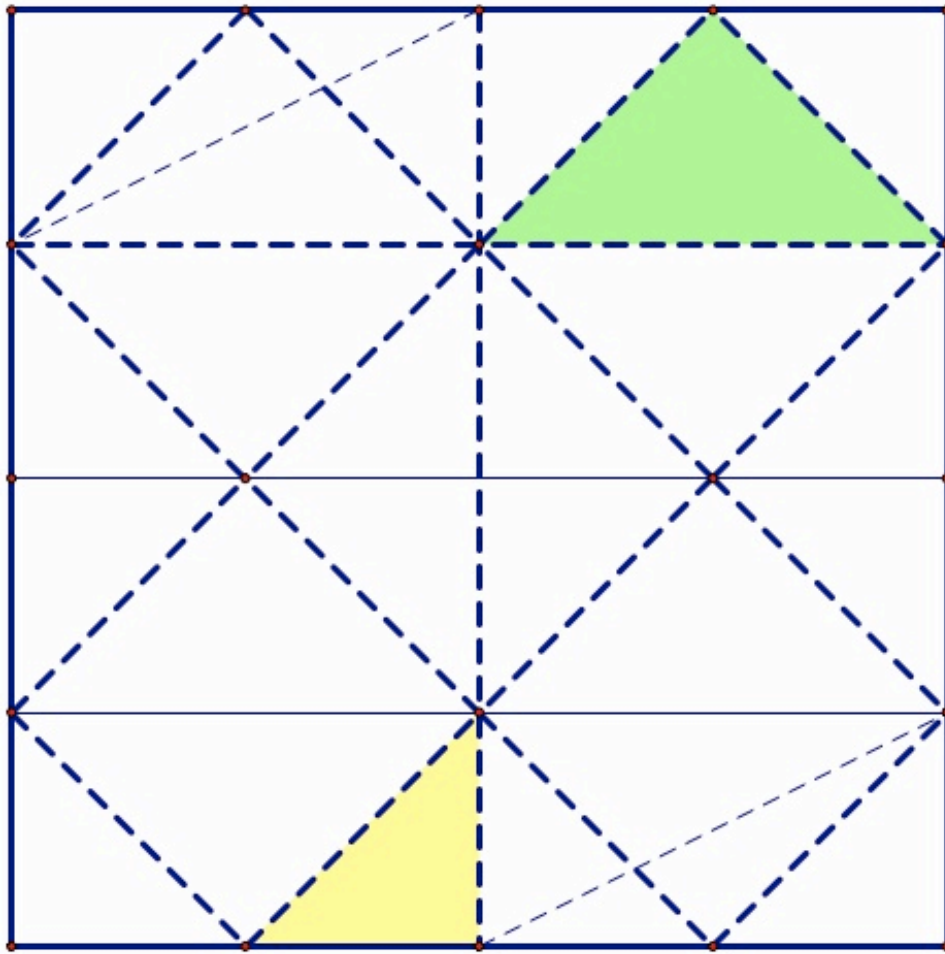


ILLUSTRATED FOLDING DIRECTIONS ~ STELLATED OCTAHEDRON



Instructional Video: <http://www.youtube.com/watch?v=lpv1qUCH2wg>

CREASES IN THE SQUARE



This is a diagram of an unfolded module.
The green triangle is congruent to each of 24 faces on the origami model.

SELF-ASSESSMENT

Name_____

Date_____

Using a scale of 1-3, with 1 being "poor"; 2 being "ok" and 3 being "excellent"; please assess your own understanding and ability of the following:

1. Is the model complete? 1 2 3
2. Is the model correctly assembled? 1 2 3
3. How well did you fold the individual origami pieces? 1 2 3
4. Were the pieces constructed with sharp creases? 1 2 3
5. Were you personally able to assemble the pieces? 1 2 3
6. Your understanding of the geometry involved in the model: 1 2 3
7. Your understanding of the algebra involved in the model: 1 2 3
8. What you will remember about stellated polyhedra based on your experience in class? 1 2 3

SELF-ASSESSMENT

Name_____

Date_____

Using a scale of 1-3, with 1 being "poor"; 2 being "ok" and 3 being "excellent"; please assess your own understanding and ability of the following:

1. Is the model complete? 1 2 3
2. Is the model correctly assembled? 1 2 3
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7. Your understanding of the algebra involved in the model: 1 2 3
8. What you will remember about stellated polyhedra based on your experience in class? 1 2 3

EXIT SLIP: 3-2-1 SUMMARIZER

Name _____

Date _____

3 big ideas I will take away from this origami workshop:

2 ways that origami would enhance my math curriculum:

1 thing I found challenging:

EXIT SLIP: 3-2-1 SUMMARIZER

Name _____

Date _____

3 big ideas I will take away from this origami workshop:

2 ways that origami would enhance my math curriculum:

1 thing I found challenging:
