13.1-13.3 Transformations

Flips/Reflections: Mirror image of shape across a given line

Translations
(Shirft) moves the shape to another location.

Rotations: rotate shape about given angle

Dilations: scale a shape by a given factor

Name Date _ **Horizontal Flips** A horizontal flip is a mirror image with the mirror to the right. Circle the image that shows a horizontal flip. R R

Name _____

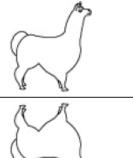


Date



Vertical Flips

A vertical flip is a mirror image with the mirror below.





Circle the image that shows a vertical flip.









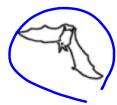
















Name _____





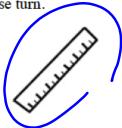
Clockwise Turn

A clockwise turn is a small turn to the right and down.



Circle the image that shows a clockwise turn.









Р

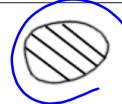
Ω

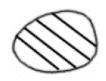
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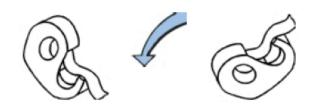
Name



Date _____

Counterclockwise Turn

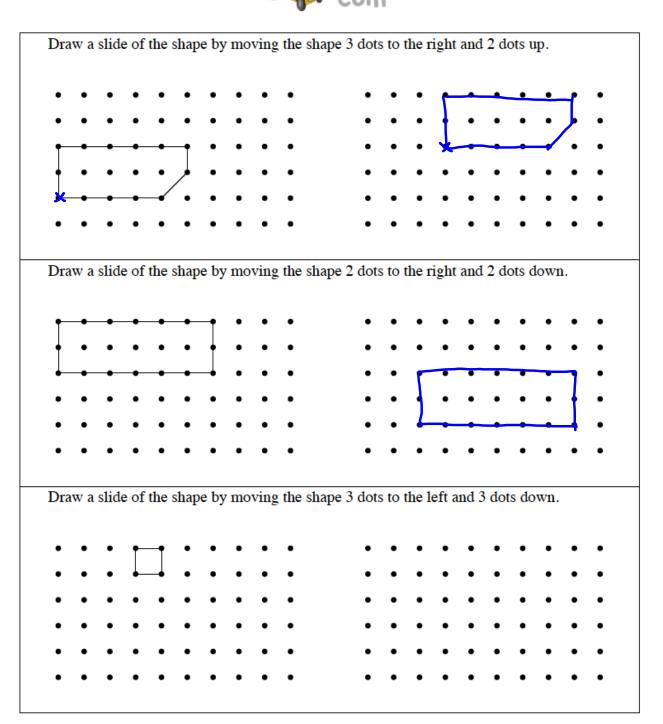
A counterclockwise turn is a small turn to the left and down.



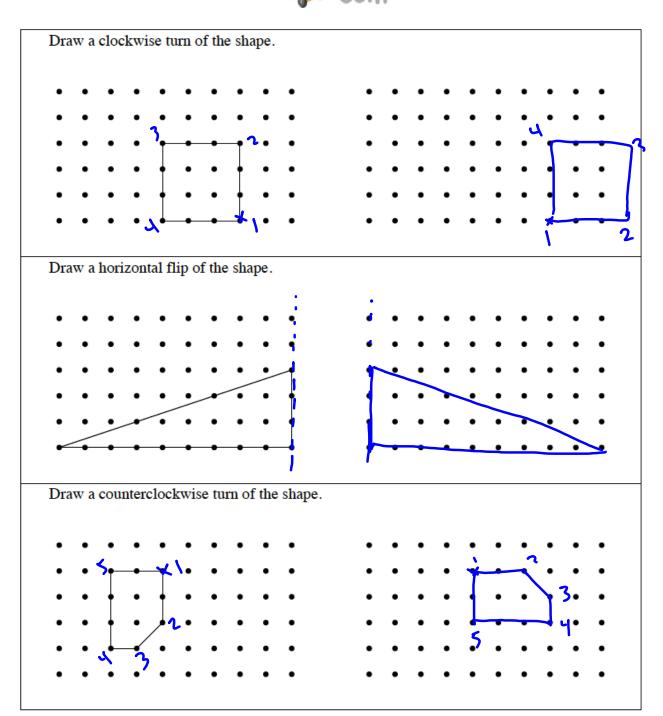
Circle the image that shows a counterclockwise turn.

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Name	CAMA	Date	
	C.UIII		

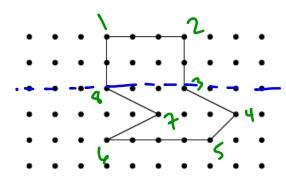


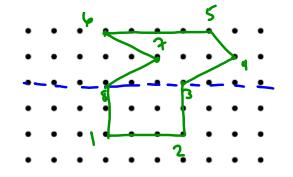
Name		
wan io		



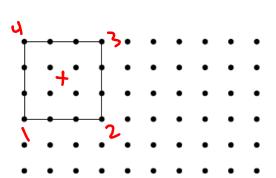
Date _____

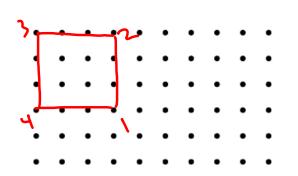
Draw a vertical flip of the shape.



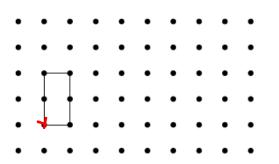


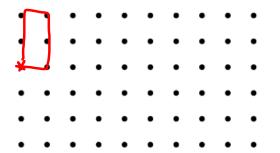
Draw a counterclockwise turn of the shape.

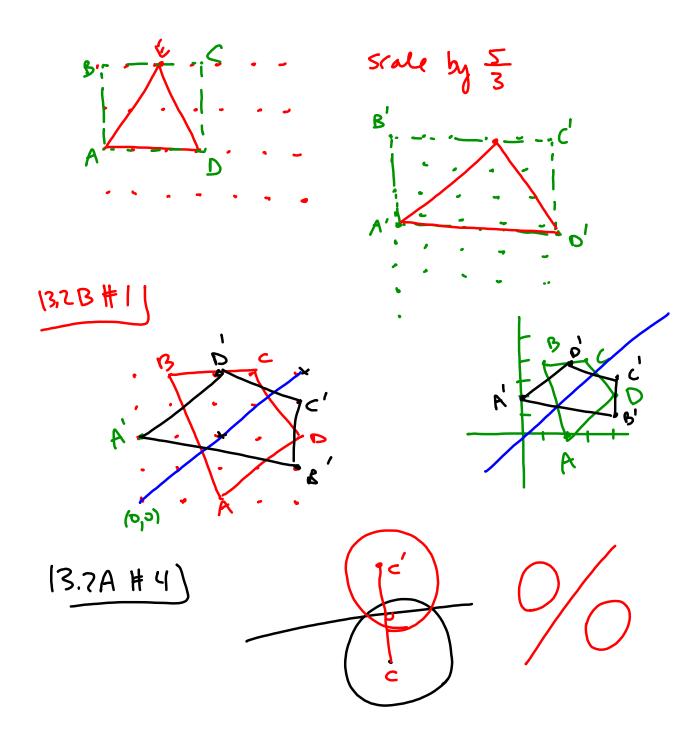


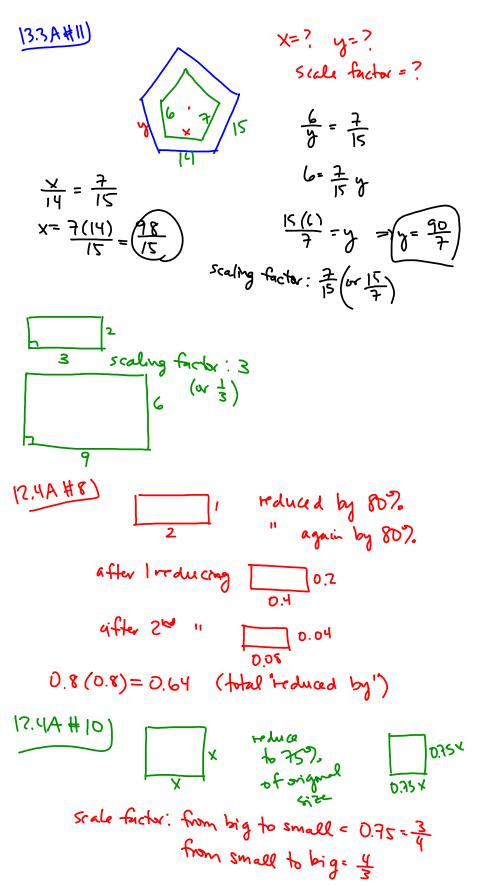


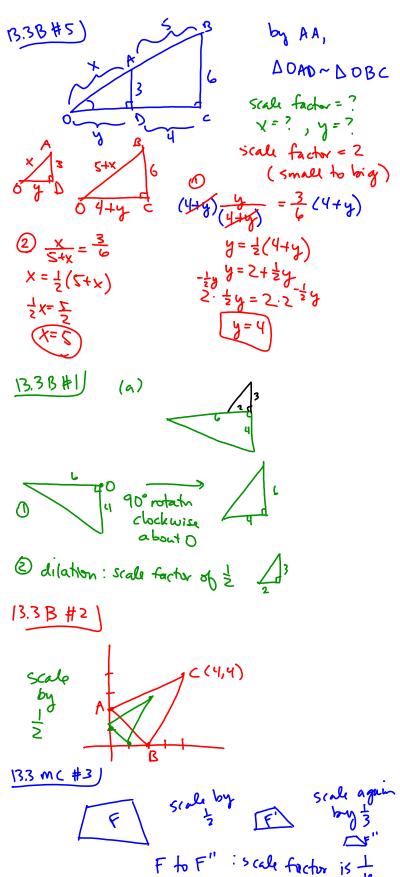
Draw a slide of the shape by moving the shape 1 dot to the left and 2 dots up.











Midtern I Periew Qns

11 Rev #9) regular n-gen has int. angle 176

(n-2) 180° = total angle measure for n-gan

vertex/interior angle of regular n-gon = (n-2)180°

(n) 176°= (n-2)180° (x)

176n=180n-360

$$-4n = -360$$
 $(n = 90)$

11 Rev #15/

m < 3 + 65° = 180° (m/3=115°

() AB ()

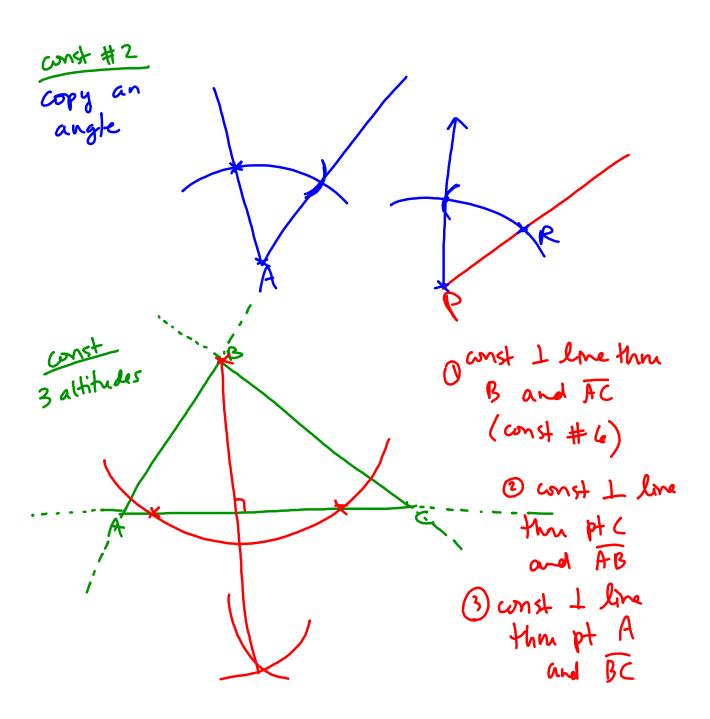
(m<1= 65°)

m/2=m/4=m/

(DFB)

W52+62+42=180 (ml 2= 700)

13.1-13.3



AFCF shape? m 41 + m 62 = 90° and mL5+m16=90° m 65 = m 62 ヨッペーラかん6 DADE = DCBF by SAS 24 and < 6 are alt. int., and there = =) EC | AF mcl=mc6 and MC4+MC5=900 and mC5+mC6=900 =)m24 = m24. =) mc/=mc4 =) AE / FC (rowesponding angles)