
4. a. Without drawing the shapes, make these predictions for a 16-point circle:
i. What will $16 / 1$ look like?
ii. What will $16 / 8$ look like? (You would need to lift your pencil to complete this one.)
iii. What other star will be the same as $16 / 5$ ?
iv. Which stars could you not draw without lifting your pencil?
v. How many different stars will there be?
vi. Which star polygon will be the most "pointy"?
b. Check your predictions by drawing all possible stars using a 16-point circle.


