

Name \_\_\_\_\_  
Mrs. Roumbos

Date \_\_\_\_\_  
8R Period \_\_\_\_\_

POINT SYMMETRY & LINE SYMMETRY  
DO NOW

Definition:

- 1) A figure has point symmetry if when you rotate the figure  $180^\circ$  (turn it upside down) it looks exactly the same as it did right side up.
  
- 2) A figure has line symmetry if when you fold it along the supposed line of symmetry, the two halves of the figure coincide (match up)

Examples:

Do the following possess point symmetry?

- |                  |                  |                 |
|------------------|------------------|-----------------|
| 1) The word MATH | 2) The word NOON | 3) The letter D |
| 4) A square      | 5) The letter S  | 6) The word MOW |
| 7) The letter H  | 8) The word DAD  | 9) The letter Z |

Do the following possess line symmetry? If so, what type?

- |                  |                  |                 |
|------------------|------------------|-----------------|
| 1) The word TOOT | 2) The word MATH | 3) The letter D |
| 4) A square      | 5) The letter X  | 6) The word BOB |
| 7) The letter H  | 8) The word DAD  | 9) The letter Z |