

Look Back

Ron has two identical table mats.

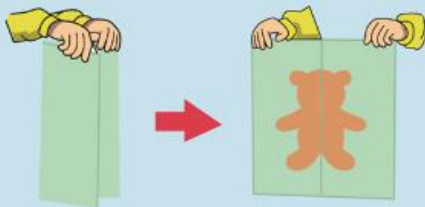


Do the mats look the same when you rotate one of them? **yes**
Discuss with your partner.

Thinking Cap



Ron folds and unfolds the mat.



What do you notice about the two parts on each side of the fold line?
Trace the shape and fold it to help you.



The two parts on each side of the fold line are the same in shape and size.

I see the other identical equal half.

Use a mirror or fold the shape into halves to help you. What do you notice when you put a mirror on the line of symmetry?



Which 2D shapes have no lines of symmetry? How do you know?

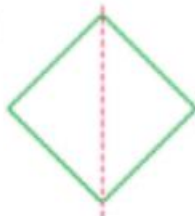
Polygons that do not have equal sides.

Let's Practise



I Is the dotted line a line of symmetry?
How do you know?

a



☒ yes
☐ no

b



☐ yes
☒ no

c



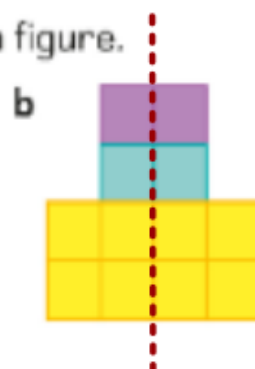
☒ yes
☐ no

d



☐ yes
☒ no

2 Draw a line of symmetry for each figure.

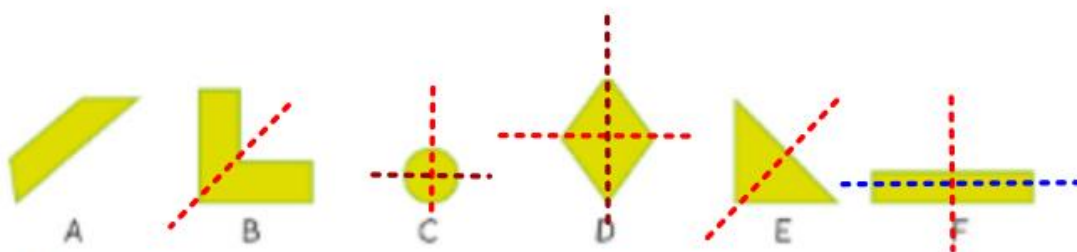


3 Do these shapes have a line of symmetry?



Draw the lines of symmetry in the shapes.

Do you agree with your partner's answers? Why or why not?



No