Fractions challenge 2

1. Jayne says that the shaded part of the whole square below does not show a half because there are three pieces, not two.
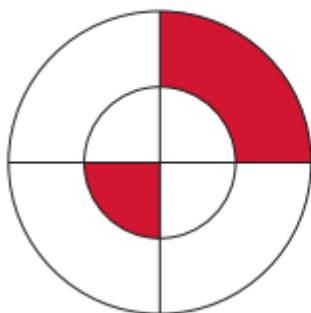
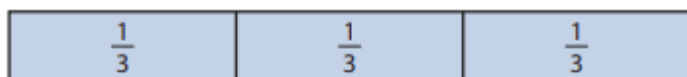   Do you agree?

   Explain your reasoning.

2. What fraction is the red part of the whole circle?
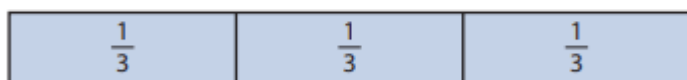
   Explain your reasoning.

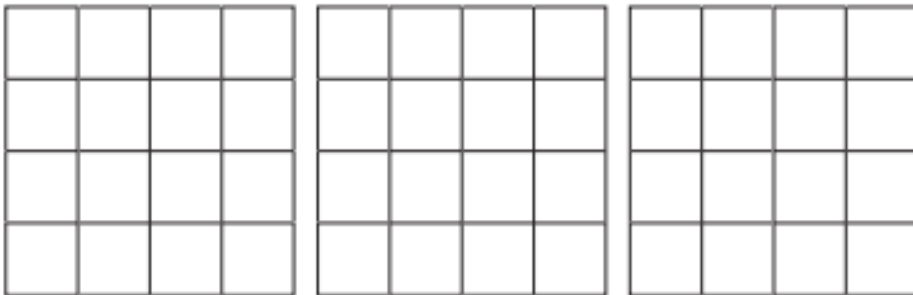
3. Use the pictures to complete the number sentences.

$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$

$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$

☐ is less than ☐   ☐ < ☐

☐ is greater than ☐   ☐ > ☐

$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$

$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$

$\frac{3}{☐}$ is greater than $\frac{2}{☐}$ $\frac{3}{☐}$ is less than $\frac{3}{☐}$

4.   Sam bought a bag of cherries.

Sam ate 9 cherries and had 3 left over.

What fraction of the bag of cherries did Sam eat?

5.   Colour in $\frac{1}{4}$ of each of these grids in a different way. Try to think of an unusual way.

How many squares did you colour each time?