

Use the correct symbol ( < > = ) to complete these statements.

$135^\circ$    $\frac{1}{2}$  turn

$\frac{3}{4}$  turn   $270^\circ$

$\frac{1}{4}$  turn    $270^\circ$



Sam says, "My turn will be a reflex angle if I turn from north-east to west clockwise." Is he correct?

Circle: Yes / No

Explain your answer.

True or false? A  $\frac{3}{4}$  turn is greater than  $\frac{5}{8}$  of a turn. Prove it!

Follow the instructions to work out the code to unlock the jar.

- Imagine you are facing 0. Make a  $\frac{3}{4}$  turn anticlockwise.
- Then turn  $\frac{3}{8}$  clockwise.
- Next, turn  $90^\circ$  anticlockwise.
- Finally, turn  $\frac{5}{8}$  clockwise.

How many other ways can you write the instructions to give the same code?

