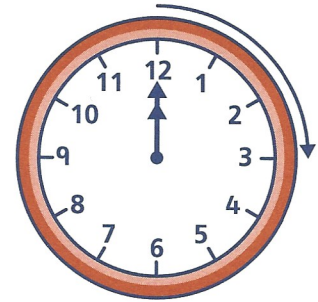
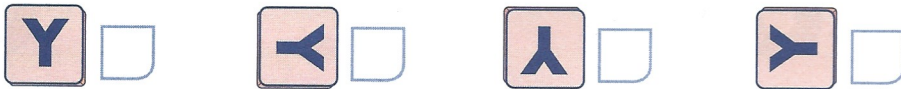


9 What number will the big hand on the clock point to after a $\frac{1}{4}$ turn? _____



10 The big hand of the clock points to 9 and then turns clockwise to point to 6. How many quarters of a full turn has the hand turned? _____

11 **Y** This tile is turned a $\frac{3}{4}$ turn clockwise. Tick to show what it looks like now.

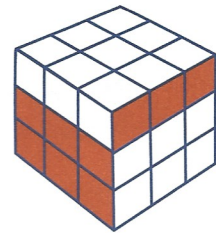


12 Yes or no? A turn of two-quarters is the same as half a turn. Yes No

Challenge

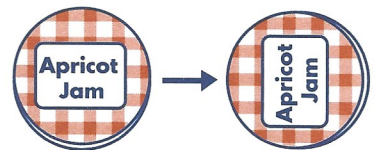
13 Yes or no? If the top layer of this cube is turned a $\frac{1}{4}$ turn clockwise, the orange squares will all be together.

Yes No



14 The big hand of a clock points to the number 4. What number will it point to after a quarter turn clockwise? _____

15 Rose turns this lid clockwise. What turn has Rose made? Write your answer as a fraction. _____



16 Lukas turns a $\frac{1}{4}$ turn clockwise. He then turns another $\frac{1}{4}$ turn clockwise. Tick to show the total turn that Lukas has made.

$\frac{1}{4}$ turn $\frac{1}{2}$ turn $\frac{3}{4}$ turn

17 Harry turns a key in a lock through half a turn. He then turns it a $\frac{1}{4}$ turn more. What fraction of a whole turn has he turned the key altogether? _____

18 Yes or no? If you turn a $\frac{1}{4}$ turn clockwise, you end up facing the same way as if you had turned a $\frac{3}{4}$ turn anticlockwise.

Yes No