Worksheet

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Understanding Elementary Shapes

1. What fraction of a clockwise revolution does the hour hand of a clock turn through when it goes from
   (a) 7 to 1 (b) 9 to 4

2. Where will the hour hand of a clock stop if it
   (a) Starts at 3 and makes $\frac{3}{4}$ of a revolution anticlockwise?
   (b) Starts at 7 and makes $\frac{5}{12}$ of a revolution clockwise?

3. Which direction will you face if you start facing
   (a) East & make $\frac{3}{4}$ of a revolution anti clockwise?
   (b) South & make $\frac{3}{4}$ of a revolution clockwise?

4. Find the number of right angles turned through by the hour hand of a clock when it goes from
   (a) 8 to 2 (b) 5 to 3