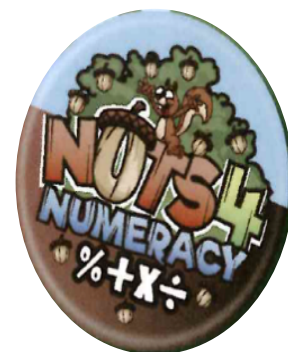


Drawing a pie chart

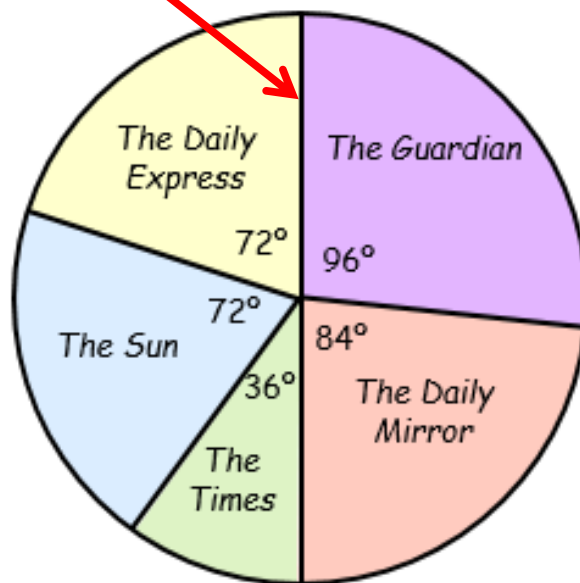


- Use a sharp pencil and a pair of compasses
- Use a ruler to draw sector lines
- Start by drawing a circle using a compass.
- Draw a radius (centre to the edge).
- Measure an angle of 96° from the radius using a protractor and label the sector.
- Measure an angle of 84° from the last line you drew and label the sector.
- Repeat for each sector until the pie chart is complete.

30 people were asked which newspapers they read regularly

Top tip:
Always start the new sector from the line you have just drawn, not the starting point!

Newspaper	Number of people
<i>The Guardian</i>	8
<i>Daily Mirror</i>	7
<i>The Times</i>	3
<i>The Sun</i>	6
<i>Daily Express</i>	6



Newspaper	No of people	Working	Angle
<i>The Guardian</i>	8	$8 \times 12^\circ$	96°
<i>Daily Mirror</i>	7	$7 \times 12^\circ$	84°
<i>The Times</i>	3	$3 \times 12^\circ$	36°
<i>The Sun</i>	6	$6 \times 12^\circ$	72°
<i>Daily Express</i>	6	$6 \times 12^\circ$	72°
Total	30		360°

$360 \div 30 = 12$

Each person is represented by 12°