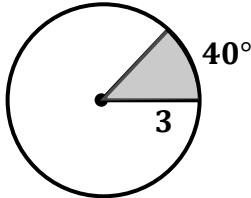
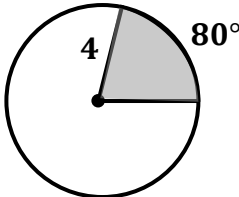
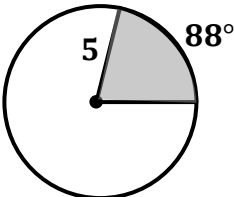
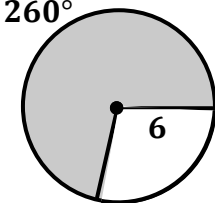
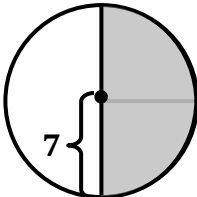
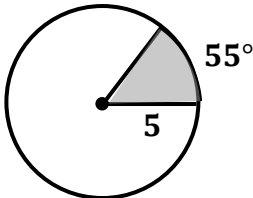


**11.2 – ARC LENGTH & AREAS OF SECTORS**

Find the area of the shaded sector and the length of the arc that bounds that sector. Leave your answers in terms of  $\pi$ .

|   |   |
|---|---|
| <p>1. Arc Length = _____</p> <p>Sector Area = _____</p> |    |
| <p>2. Arc Length = _____</p> <p>Sector Area = _____</p> |    |
| <p>3. Arc Length = _____</p> <p>Sector Area = _____</p> |   |
| <p>4. Arc Length = _____</p> <p>Sector Area = _____</p> |  |
| <p>5. Arc Length = _____</p> <p>Sector Area = _____</p> |  |
| <p>6. Arc Length = _____</p> <p>Sector Area = _____</p> |  |