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| **Arc Length and Perimeter of a Sector** |
| **(a)** | **(b)** | **(c)** | **(d)** | **(e)** |
| Find the arc length. | Find the arc length. | Find the arc length. | Find the arc length.  | Find the arc length.  |
| **(f)** | **(g)** | **(h)** | **(i)** | **(j)** |
| Find the perimeter.  | Find the perimeter.  | Find the perimeter.  | Find the perimeter.  | Find the perimeter.  |
| **(k)** | **(l)** | **(m)** | **(n)** |
| Find the perimeter. | Find the perimeter. | Farmer Jo wants to put a fence around his sector-shaped field. Fencing costs £18.99 per metre. How much will it cost Farmer Jo? | The pendulum of a clock is 48 cm long and swings through an angle of $15°$. The pendulum swings back and forth every two seconds. How far does the end of the pendulum swing in a minute? |