## 4th January

**Find the perimeter of the sector.**

Find the perimeter of the sector with a central angle of 45° and a radius of 8 cm.

**Find x and y.**

Find the values of x and y in the quadrilateral with sides labeled x - 10, y + 20, y, and x.

**Solve these simultaneous equations**

\[3x - 4y = 18\]
\[2x - 5y = 19\]

**w is inversely proportional to c squared.**

When w = 100, c = 2.

Find w when c = 4.

**Evaluate**

\[27^{2/3}\]