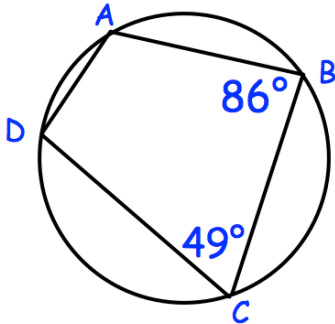




Work out  $8000^{\frac{1}{3}}$

Work out  $32^{\frac{7}{5}}$



Find angle BAD.

Find angle ADC.

Tim sells strawberry and raspberry jam. He sells the jam in two different sizes of jar: small and large. 80% of the jam that Tim sells is strawberry. 70% of the strawberry jam sold is in small jars. 10% of the raspberry jam sold is in large jars.

What percentage of the jam sold is in small jars?

Simplify  $\frac{\sqrt{34}}{\sqrt{17}}$

Solve the simultaneous equations

$$\frac{2}{3}x + \frac{1}{2}y = -1$$

$$x - y = 16$$