
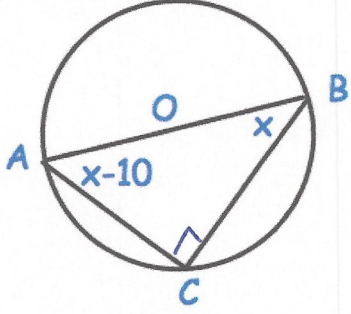


| 6th March | |
|---|--|
| Evaluate $16^{1.5} \times 2^{-4}$ $16^{\frac{3}{2}} \times \frac{1}{24}$ | $64 \times \frac{1}{16} = 4$  Corbettmaths |
| Find the size of x $90 + (x - 10) + x = 180$ $80 + 2x = 180$ $2x = 100$ $x = 50^\circ$ |  |
| Factorise $5y^2 + 21y - 20$ $(5y - 4)(y + 5)$ | |
| Work out $\frac{W}{3} - \frac{W}{8} = \frac{8W}{24} - \frac{3W}{24} =$ | $\frac{5W}{24}$ |
| The probability of a student in a school playing a musical instrument is 0.4. Three students are picked at random. | Work out the probability that exactly 2 students out of the 3 play an instrument. $PPN \quad 0.4 \times 0.4 \times 0.6 = 0.096$ $PNP \quad 0.4 \times 0.6 \times 0.4 = 0.096$ $NPP \quad 0.6 \times 0.4 \times 0.4 = 0.096$ $\quad \quad \quad +$ $\quad \quad \quad 0.288$ |