Answers 1



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a + 2

C

Write a formula for the perimeter of the regular polygon.

7a + 14 (1mark)

p = 7a + 14 (2 marks)

Complete the table for drawing a pie chart. 600 seats were predicted in a poll.

Prediction Polls	Frequency	Degrees
Conservative	316	189.6
Labour	228	136.8
SNP	56	33.6



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The shaded area is equal to $160 cm^2$. True or False?



lesadzeisenald Am¹ Leo

Angle of sector $360^{\circ} - 80^{\circ} = 280^{\circ}$ Area of sector $\frac{280}{360} \times \pi \times 8^2 = 156.38cm^2(2dp)$ So the answer is false because it is $3.62cm^2$ smaller.

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B





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Answers 5
Answers 5
AGGS
Maths Stars
a) Express
$$\frac{15}{4} = 3\frac{3}{4}$$
.
b) $\frac{2}{5} \times \frac{3}{4} = \frac{6}{20} = \frac{3}{10}$
c) $\frac{5}{6} - \frac{2}{3} = \frac{5}{6} - \frac{4}{6} = \frac{1}{6}$
Solve the following equations.
a) $3x - 7 = 29$
 $3x = 36$
 $x = 12$
b) $\frac{x}{4} + 12 = 18$ $\frac{x}{4} = 6$ $x = 24$
Complete the table for a cumulative frequency graph
 $\frac{110 < h \le 120 \ 28 \ 28 \ 120 < h \le 130 \ 13 \ 411 \ 130 < h \le 140 \ 19 \ 600 \ 140 < h \le 150 \ 22 \ 82}$
What is the probability of me selecting both a blue and a red ball (without replacement)
 $1\frac{4}{5} \sum_{k=1}^{2} \sum_{k=0}^{k} \frac{4}{4} = \frac{2}{5} \times \frac{1}{4} = \frac{2}{20}$
 $10\frac{6}{12} + \frac{6}{20} = \frac{1}{10}$ $4/4$.

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Mrs Gardner invests £240 in a bank at an interest rate of 0.5% How much will she have after 7 years?.

> $240 \times (1.005)^7$ = £248.53 (2dp)

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A/A*