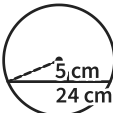
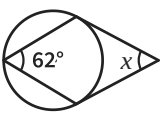
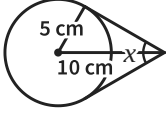
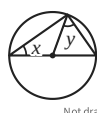
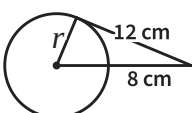
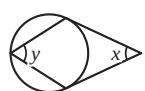
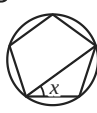
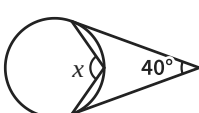
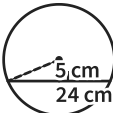
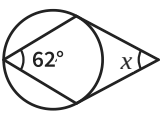
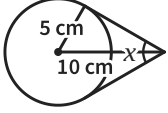
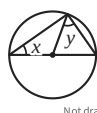
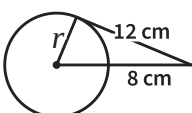
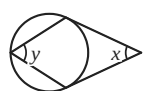
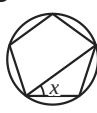
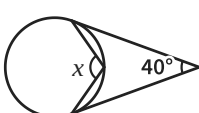


a Find the radius  Not drawn accurately 13 cm a radius from a chord	b Find angle x  Not drawn accurately 56° the centre, then the tangent kite	c Find angle x  Not drawn accurately 40° the alternate segment, isosceles	d Find angle x  Not drawn accurately 115° a diameter as a diagonal
e Find angle x  Not drawn accurately 60° tangents: an exact angle from lengths	f $a = 3x$ and $b = x + 50$. Find x  Not drawn accurately $x = 52$ two theorems in one equation	g $y = 2x - 15$. Find x  Not drawn accurately $x = 35$ the semicircle and radii in algebra	h Find y in terms of x  Not drawn accurately $y = 90^\circ - x$ an angle in terms of x
i Find the radius r  Not drawn accurately $r = 5 \text{ cm}$ a radius from a tangent: an equation	j Find y in terms of x  Not drawn accurately $y = 90^\circ - \frac{1}{2}x$ two tangents in terms of x	k The pentagon is regular. Find angle x  Not drawn accurately 36° a regular polygon in a circle	l Find angle x  Not drawn accurately 110° tangents, segment, cyclic quadrilateral

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