1.4.06 | Test yourself | Angles and circles | Answers

Task 1. In each of the following circles, find the angles marked with letters.

(a) $a = 28°, b = 31°$ (b) $c = 22°, d = 48°$ (c) $g = 40°, f = 65°, h = 65°$

Task 2. In each of the following circles, O is the centre. Find the angles marked with letters.

(a) $a = 50°$ (b) $p = 55°$ (c) $x = 120°$

Task 3. In each of the following figures find the value of x . In each case, O is the centre.

(a) $x = 80°$	(b) $x = 30°$	(c) $x = 40°$
(d) $x = 125°$	(e) $x = 50°$	(f) $x = 45°$
(g) $x = 30°$	(h) $x = 50°$	(i) $x = 115°$
(d) $x = 155°$	(e) $x = 35°$	(f) $x = 28°$
(j) $x = 125°$	(k) $x = 50°$	(l) $x = 45°$
(m) $x = 60°$	(n) $x = 60°$	(o) $x = 50°$
(p) $x = 12°$	(q) $x = 40°$	(r) $x = 70°$