Solutions sheet No. 48		Mixed Parallel Properties
	Answer	**Reason**
1	$a = 106$	Corresponding angles in parallel lines are equal
2	$b = 85$	Cointerior angles in parallel lines are supplementary (add to 180°)
3	$c = 68$	Cointerior angles in parallel lines are supplementary (add to 180°)
4	$d = 63$	Corresponding angles in parallel lines are equal
5	$e = 71$	Alternate angles in parallel lines are equal
6	$f = 54$	Corresponding angles in parallel lines are equal
7	$g = 133$	Corresponding angles in parallel lines are equal
8	$h = 142$	Alternate angles in parallel lines are equal
9	$i = 40$	Alternate angles in parallel lines are equal
10	$j = 70$	Cointerior angles in parallel lines are supplementary (add to 180°)
11	$k = 115$	Alternate angles in parallel lines are equal
12	$l = 73$	Corresponding angles in parallel lines are equal
13	$m = 103$	Alternate angles in parallel lines are equal
14	$n = 120$	Cointerior angles in parallel lines are supplementary (add to 180°)
15	$p = 109$	Corresponding angles in parallel lines are equal
16	$q = 56$	Corresponding angles in parallel lines are equal
17	$r = 90$	Cointerior angles in parallel lines are supplementary (add to 180°)
18	$s = 125$	Alternate angles in parallel lines are equal
19	$t = 44$	Alternate angles in parallel lines are equal
20	$u = 73$	Cointerior angles in parallel lines are supplementary (add to 180°)