Solutions sheet No. 45	Corresponding Angles	
	Answer	**Reason**
1	$a = 60$	Corresponding angles in parallel lines are equal
2	$b = 80$	Corresponding angles in parallel lines are equal
3	$c = 100$	Corresponding angles in parallel lines are equal
4	$d = 72$	Corresponding angles in parallel lines are equal
5	$e = 69$	Corresponding angles in parallel lines are equal
6	$f = 52$	Corresponding angles in parallel lines are equal
7	$g = 134$	Corresponding angles in parallel lines are equal
8	$h = 118$	Corresponding angles in parallel lines are equal
9	$i = 43$	Corresponding angles in parallel lines are equal
10	$j = 138$	Corresponding angles in parallel lines are equal
11	$k = 68$	Corresponding angles in parallel lines are equal
12	$l = 71$	Corresponding angles in parallel lines are equal
13	$m = 100$	Corresponding angles in parallel lines are equal
14	$n = 125$	Corresponding angles in parallel lines are equal
15	$p = 117$	Corresponding angles in parallel lines are equal
16	$q = 57$	Corresponding angles in parallel lines are equal
17	$r = 40$	Corresponding angles in parallel lines are equal
18	$s = 106$	Corresponding angles in parallel lines are equal
19	$t = 103$	Corresponding angles in parallel lines are equal
20	$u = 122$	Corresponding angles in parallel lines are equal