Solutions sheet No. 93				**Mixed Trig Ratio - Find an Angle 1**				
Working using $\sin A = \frac{O}{H}$ or $\cos A = \frac{A}{H}$ or $\tan A = \frac{O}{A}$								
No.	**Opp**	**Adj**	**Hyp**	**Angle**	**Equation**	**Calculator**	**Rounded**	**Solution**
1		8	10	*a*	cos*a* = 8/10	36.869898	37°	*a*° = 37°
2	13		25	*b*	sin*b* = 13/25	31.332251	31°	*b*° = 31°
3	45		72	*c*	sin*c* = 45/72	38.682187	39°	*c*° = 39°
4	8	9		*d*	tan*d* = 8/9	41.633539	42°	*d*° = 42°
5		34	58	*e*	cos*e* = 34/58	54.111702	54°	*e*° = 54°
6	48	36		*f*	tan*f* = 48/36	53.130102	53°	*f*° = 53°
7	48		64	*g*	sin*g* = 48/64	48.590378	49°	*g*° = 49°
8	50		92	*h*	sin*h* = 50/92	32.920735	33°	*h*° = 33°
9	33	21		*i*	tan*i* = 33/21	57.528808	58°	*i*° = 58°
10		26	38	*j*	cos*j* = 26/38	46.826449	47°	*j*° = 47°
11	12	6		*k*	tan*k* = 12/6	63.434949	63°	*k*° = 63°
12	18		38	*l*	sin*l* = 18/38	28.273714	28°	*l*° = 28°
13	95	80		*m*	tan*m* = 95/80	49.899092	50°	*m*° = 50°
14	210		250	*n*	sin*n* = 210/250	57.14012	57°	*n*° = 57°
15		40	85	*p*	cos*p* = 40/85	61.927513	62°	*p*° = 62°
16	22	15		*q*	tan*q* = 22/15	55.713123	56°	*q*° = 56°
17	325		400	*r*	sin*r* = 325/400	54.340912	54°	*r*° = 54°
18		60	92	*s*	cos*s* = 60/92	49.294293	49°	*s*° = 49°
19	7.6		10.3	*t*	sin*t* = 7.6/10.3	47.549784	48°	*t*° = 48°
20	10.9	1.3		*u*	tan*u* = 10.9/1.3	83.198685	83°	*u*° = 83°