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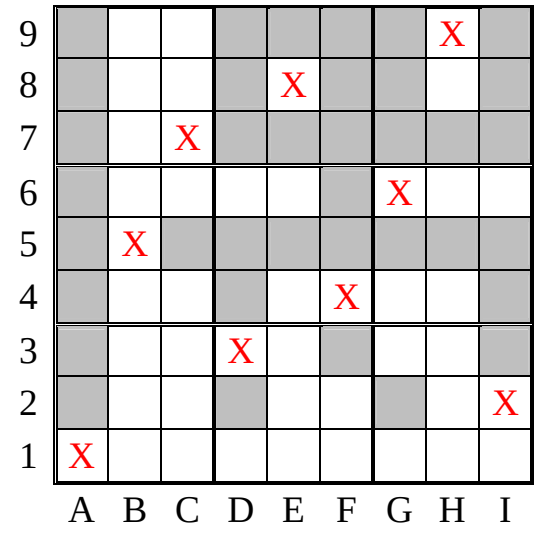
2015 EMIC Answers

Individual

1.	1001	**2.**	7	**3.**	428	**4.**	4	**5.**	1326
6.	363	**7.**	52	**8.**	8	**9.**	136	**10.**	31
11.	11	**12.**	98	**13.**	20	**14.**	640	**15.**	684

Team

1.



2. 8

3. Any of the following sequence of five operations will work.
$2+1=3$, $3+2=5$, $5\times3=15$, $15+5=20$, $20\sim15=2015$.
$2+1=3$, $3+2=5$, $1\sim5=15$, $15+5=20$, $20\sim15=2015$.
$2+1=3$, $3\sim1=31$, $31+3=34$, $34+31=65$, $31\times65=2015$.
$2+1=3$, $3\sim1=31$, $31\times2=62$, $62+3=65$, $31\times65=2015$.
$1\sim2=12$, $12+1=13$, $13\times12=156$, $156-1=155$, $155\times13=2015$.
$1\sim2=12$, $12+1=13$, $13\times12=156$, $13\times156=2028$, $2028-13=2015$.
$1\sim2=12$, $12+2=14$, $14\times12=168$, $168\times12=2016$, $2016-1=2015$.
$1\sim2=12$, $2\sim12=212$, $212\sim1=2121$, $212\div2=106$, $2121-106=2015$.
$1\sim2=12$, $2\sim12=212$, $212\div2=106$, $212\sim1=2121$, $2121-106=2015$.
$2\sim1=21$, $21\sim2=212$, $212\sim1=2121$, $212\div2=106$, $2121-106=2015$.
$2\sim1=21$, $21\sim2=212$, $212\div2=106$, $212\sim1=2121$, $2121-106=2015$.

4.	21		**5.**	12	
6.	#1 and #5		7.	6	
8.	10°	**9.**	965287341	**10.**	15