

## The ARML Power Contest

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### Errata

p 53 line 14 ... where  $q = \left\lceil \frac{n}{m} \right\rceil$ .

p 56 lines 14-15

$$2a. \frac{1}{12} = \frac{1}{13} + \frac{1}{156} = \frac{1}{14} + \frac{1}{84} = \frac{1}{15} + \frac{1}{60} = \frac{1}{16} + \frac{1}{48} = \frac{1}{18} + \frac{1}{36} = \frac{1}{20} + \frac{1}{30} = \frac{1}{21} + \frac{1}{28} = \frac{1}{24} + \frac{1}{24}$$

p 57 line 14 ... by  $2\sqrt{abx}$  ...

p 62 line 6 For example,  $X_{k_3} = \dots$

p 92 line 9 ... and whose sum is  $a^2$ .

p 93 line 28 ...  $n^4 + 4n^3 + 8n^2 + 4n + 4$  ...

p 94 line 21 ... ,  $\frac{1}{2} \left( \frac{(m+n)^2}{(m-n)^2} + \frac{1}{2} \right)$

p 94 line 24 ... ,  $\frac{m^2 + n^2}{(m-n)^2}$

p 125 lines 1-2 ... with  $ABC + DEF = GHIJ$ , ...

p 171 line 10 ... let  $\overline{CD}$  be the altitude ...

p 198 line 13 ... and  $15' = \dots$

p 198 line 14  $((6' + 15)(6 + 15')) \dots$

p 310 line 3  $1 + 3 + 6 = 10$

p 310 line 7 ... the next  $n - 2$  consecutive ...