

Errata for the '85-'86 through '89-'90 MATHCOUNTS School Handbooks

1989-1990 MATHCOUNTS School Handbook (last updated on August 5, 2004)

We do not have records of errata for these School Handbooks.

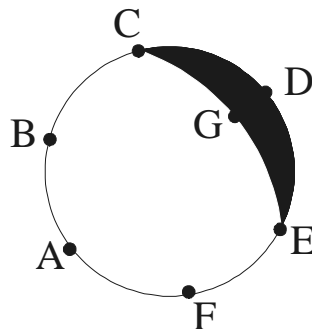
1988-1989 MATHCOUNTS School Handbook (last updated on August 5, 2004)

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1987-1988 MATHCOUNTS School Handbook (last updated on September 14, 2004)

- **Page 25, Problems #1 and 8:** Division signs are missing. Correct versions of the problems appear here: 1. Evaluate: $(-4 \times 7) \div -2 + 6$ and 8. Express as a mixed number: $\frac{\frac{1}{2} + (\frac{3}{4} \div \frac{1}{2})}{(\frac{1}{6} + \frac{2}{3}) \div \frac{3}{5}}$.
- **Page 29, Problem #16:** The stated length of one of the sides of the pictured parallelogram is incorrect. The longer dimension of the parallelogram should be 28 m, not 28 cm.
- **Page 32, Problem #13:** The last sentence should be revised to read as follows: "Give your answer in the form x hours and y minutes, where x and y are whole numbers and $y < 60$."
- **Page 35, Problem #13:** A pi symbol is missing from the first sentence of the problem. It should read: "The total surface area (including top, bottom, and lateral sides) of a right cylindrical container is 72π square cm.
- **Page 36, Problem #20:** Steps 3 and 5 both require revisions. The correct steps are:
Step 3 $F = F * I$
Step 5 If $I > X$ then go to step 7.
- **Page 40, Problem #1:** A division sign is missing. The problem should be: $9132.123 \div 9123$.
- **Page 42, Problem #20:** Parentheses are missing in Step 2 of the algorithm. Step 2 of this problem should correctly read: $T = ((-1) \wedge E) / D$.
- **Skill Drill 1, Answer #6:** In addition to 1.7, there are alternate answers $\frac{17}{10}$ and $1\frac{7}{10}$.
- **Skill Drill 6, Answer #18:** Correct answer is 25 or 25 (sq units)
- **Skill Drill 7, Answer # 20:** Correct answer is $100 + \frac{25}{18}\pi$ or $100 + 1\frac{7}{18}\pi$ or $100 + 1.38\bar{3}\pi$. The optional unit for each possible answer is sq cm.
- **Page 48, Problem #2:** There is an erroneous dollar sign. The problem should read, "If the number 36 increased by 150%, what is the value of the result?"
- **Page 50, Problem #2:** An addition sign is incorrectly used in place of an equals sign. The correct version of the problem is: $a \boxtimes b = b - a + b$
- **Page 50, Problem #5:** The second sentence should read, "What is the sum of the degree measures of all 6 of these exterior angles?"
- **Page 58, Problem #10:** The answer blank is missing.

- **Page 62, Problem #10:** Both the wording and drawing of the problem should be revised to read as follows: A, B, C, D, E and F are points spaced equally around a circle of radius 1. Arc CGE has center A. Find the number of square units in the area of the crescent-shaped shaded region.



- **Page 63, Power Drill 1, Problem #4:** 0.24 and 0.24 sq units should be listed as alternate answers.
- **Page 63, Power Drill 3, Problem #1:** Alternate answer: $\frac{8889}{1000}$.
- **Page 63, Power Drill 3, Problem #10:** The correct answer is $\frac{380}{3}\pi$ or $\frac{380}{3}\pi$ cu cm.
- **Page 64, Power Drill 8, Answer #6:** Should be 19.
- **Page 64, Power Drill 8, Answer #10:** Should be 5 or 5 squares.
- **Page 64, Power Drill 9, Answer #10:** Should be 26 or 26 cu meters.

1986-1987 MATHCOUNTS School Handbook (last updated on August 5, 2004)

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