# $10^{\text {th }}$ Annual Middle School Mathematics Contest of New Jersey 

Wednesday, January 19, 2022

## Individual Student Answer Sheet

## STUDENT

Your name as you would wish it to appear on a plaque/certificate

GRADE $\qquad$

SCHOOL $\qquad$ SCORE $\qquad$
DIRECTIONS: For each problem that you solve, write the answer you wish to submit in the appropriate place on this answer sheet. Answers must be in simplest form to be considered correct or in the form requested.

Each question is worth one point. If the question has two or three parts, each part is worth $1 / 2$ or $1 / 3$ of a point respectively, so the total value of the question is one. There is no penalty for guessing. If an answer has more than one part, separate using a comma. The entire question must be correct for the full credit.

No Calculators are allowed
Time Allowed: 60 minutes

| 1 | 264 chocolate bars |  | 5 | A |
| :---: | :---: | :---: | :---: | :---: |
| 2 | 240 minutes |  | 6 | 10 boys and 12 dogs |
| 3 | Circle all that are true: <br> A. <br> B. <br> C. <br> D. <br> E. |  | 7 | 5/18 |
| 4 | What fraction would be represented by $1 / 3$ of section $C$ ? | 1/15 | 8 | 60 minutes |
|  | What fractional part of section D would give the same value as $1 / 2$ of section H ? | 1/5 | 9 | $\begin{aligned} & (0,5),(1,6),(2,7),(3,8),(4,9)- \\ & \text { for example } \end{aligned}$ |
|  | Which of the following has a greater value, or are they equal in value? $1 / 2$ of ( $H$ and $C$ ) Or $1 / 4$ of ( $A, F$ and $H$ ) | Both equal (to 3/20) |  |  |

The school report form and the top 5 student answer sheets must be e-mailed no later than Wednesday, January 26, 2022. The results will be announced by e-mail in February 2022. Thank you for participating in this year's contest!

