

Name           **ANS KEYS**           Grade                      Score                     

## 2011 MathEdge+ Int and Adv Contest

Grades 4-5 (I) do problems 1-20. Grades 6-8 (A) do problems 1-25.

Time allowed: 45 mins. Please box the answer. Only correct answer counts. No Calculator is allowed. The higher # (harder) problems will be used for tiebreak. Problem 1-15 is worth 1 point. Problem 16-25 is worth 2 points each.

1) 75

2) 21, 34

3)  $\begin{array}{r} 149 \\ \underline{151} \end{array}$

4) 5

5) -45

6) 21

7) 32 cm

8) 9 dogs

9) 1:00.30pm

10) 66

11) 18

12) 58

13)  $\frac{5}{3}$  or  $1 \frac{2}{3}$  hr

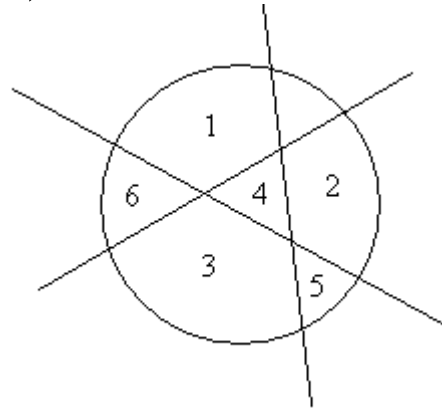
14)  $\frac{64}{9}$  or  $7\frac{1}{9}$  mph or 7.111

15) 40%

16) 5 students

17)  $\begin{array}{r} X \\ 357 \end{array} \times \begin{array}{r} X \\ 468 \end{array} =$

18)



19) 10

20) 9

21) 18 cuts

22) 70 ways

23) 59

24) 2485

25)  $8 + 2\sqrt{3}$  units