



E 5-5

NAME _____

EUCLIDEAN DIVISION

MEET 5

MARCH 12, 2015

GRADE 5

30 MINUTES

ANSWER COLUMN

Directions: Place your answer to each question below in the answer column.

- 1) In the subtraction problem at the right, find the number represented by ABC.

$$\begin{array}{r} 365 \\ - ABC \\ \hline 183 \end{array}$$

- | | |
|----------|----------|
| 1) _____ | 1) _____ |
| 2) _____ | 2) _____ |
| 3) _____ | 3) _____ |
| 4) _____ | 4) _____ |
| 5) _____ | 5) _____ |
| 6) _____ | 6) _____ |

E 5-5



The answer to each question is in parentheses at the beginning of each solution.

- 1) (182) If $365 - ABC = 183$, then $365 - 183 = ABC$. $ABC = 182$.
- 2) (11) $7 @ 3 = 4 \times 7 - 3 \times 3 = 28 - 9 = 19$. $5 @ 4 = 4 \times 5 - 3 \times 4 = 20 - 12 = 8$. $19 - 8 = 11$.
- 3) (256) 16 tablespoons = 1 cup and 4 cups = 1 quart. Thus 64 tablespoons = 1 quart and $64 \times 4 = 256$ tablespoons = 4 quarts = 1 gallon.
- 4) (Saturday) Every 7 days from today is a Thursday. Since 63 is divisible by 7, 63 days from today is a Thursday. Thus, 65 days from today is a Saturday. ($65 \div 7 = 9 \text{ r}2$). The remainder 2 means 2 days past Thursday.
- 5) (71) If 38 was added to the smaller number, then the two numbers would be equal and the sum of these two equal numbers would be $104 + 38 = 142$. The larger number is $142 \div 2 = 71$. The smaller number is $71 - 38 = 33$ (or $104 - 71 = 33$).
- 6) (15) He can enter any of 5 different ways (4 entrance only and one additional door that can be used as an entrance or an exit). He can leave any of 3 different ways. From the Fundamental Counting Principle, he can enter and exit $5 \times 3 = 15$ different ways.