Think Academy

Review Class AM L13-L15

2022 Fall G3

Lesson 13

1 Solve the equations below.

(1) $x + 5 = 12$, $x =$ _____ .

(2) $x - 4 = 17$, $x =$ _____ .

(3) $3x = 24$, $x =$ _____ .

(4) $x \div 8 = 7$, $x =$ _____ .

2 Solve the equations below.

(1) $22 - 3x = 4$, $x =$ _____ .

(2) $7 = 55 - 2x - 4x$, $x =$ _____ .

3 Solve the equations below.

(1) $19 + x = 7 + 3x$, $x =$ _____ .

(2) $62 - 4x = 7 + x$, $x =$ _____ .

Lesson 14

1 If the four-digit number $\overline{256a}$ is divisible by 4, how many possible answers are there for a?

A. 1 B. 2 C. 3 D. 4

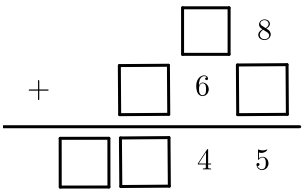
2 Which of the following numbers below are divisible by 3?

238 1476 5724 11238

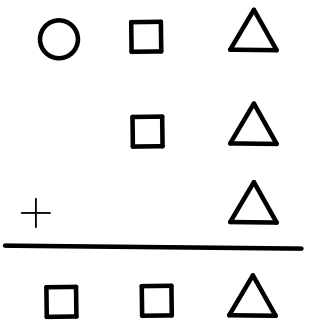
3 If the five-digit number $\overline{978AA}$ is divisible by 9, and the same letter represents the same digit, then $A =$ _____ .

Lesson 15

1 Fill in each box. The result of the column addition is _____ .



2 In this column puzzle, the same figure represents the same digit, and different figures represent different digits. The circle represents _____ .



3 Fill in each box. The result of the column multiplication is _____ or _____ .

$$\begin{array}{r} 1\,\square\,9 \\ \times \qquad\ \square \\ \hline 9\,\square\,3 \end{array}$$

Solutions

Lesson 13

1. (1) 7
   (2) 21
   (3) 8
   (4) 56

2. (1) 6
   (2) 8

3. (1) 6
   (2) 11

Lesson 14

1. C

2. 1476, 5724, 11238.

3. 6

Lesson 15

1. 1045

2. 8

3. 973 Alternative 903 ; 903 Alternative 973