

# Answers to Day 3 Worksheets

1. Which number is divisible by 5?

- (A) 321
- (B) 333
- (C) 250
- (D) 364

2. Which number is divisible by 2 and 3?

- (F) 104,924
- (G) 27
- (H) 5,401
- (J) 444

Even #  
+ add the  
digits

3. The number 156,945 is divisible by which of the following?

- (A) 5 and 10
- (B) 5 only
- (C) 2 and 3
- (D) 10 only

— not even  
— does not  
end with "0"

4. The number 250 is divisible by which of the following?

- (A) 2, 5, and 10
- (B) 5 and 10
- (C) 2, 3, and 5
- (D) 2, 3, 5, and 10

add

5. The sum of 27,185 and 27,001 is divisible by which numbers?

- (A) 2, 3, and 5
- (B) 2 only
- (C) 3 only
- (D) 2 and 3

$$\begin{array}{r} 27,185 \\ + 27,001 \\ \hline 54,186 \end{array}$$

add  
the  
digits  
= 24

subtract

6. The difference between 565 and 455 is divisible by which numbers?

- (A) 2 and 5
- (B) 5 and 10
- (C) 2, 5, and 10
- (D) 3 and 10

$$\begin{array}{r} 565 \\ - 455 \\ \hline 110 \end{array}$$

M5P1

# Determining Operations Needed to Solve Problems

**DIRECTIONS:** Choose the best answer.

1. There are 324 students in the fifth grade. Each student pledged to read 50 books during the year. Which number sentence shows how to find the number of books the fifth graders pledged to read?

- (A)  $324 \div 50 = \blacksquare$
- (B)  $324 \times 50 = \blacksquare$
- (C)  $324 + 50 = \blacksquare$
- (D)  $324 - 50 = \blacksquare$

2. The amounts below show how much a student earned during a six-week time period. What operations are necessary to find out the student's average weekly earnings?

\$41.87	\$36.23	\$25.90
\$42.36	\$34.21	\$27.83

- (F) subtraction and addition
- (G) addition and multiplication
- (H) addition and division
- (J) multiplication and division

3. What is the number sentence for determining the volume of a rectangular prism that measures 3 units long, 5 units wide, and 8 units high?

- (A)  $3 \times 5 \times 8 = \blacksquare$
- (B)  $3 + 5 + 8 = \blacksquare$
- (C)  $(3 \times 5) + 8 = \blacksquare$
- (D)  $(3 + 5) \times 8 = \blacksquare$

$$V = l \times w \times h$$

4. The art instructor is paid \$15 per hour. She works for 6 hours a day. Which number sentence shows how to find the amount she earns in one day?

- (F)  $15 + 6 = \blacksquare$
- (G)  $15 - 6 = \blacksquare$
- (H)  $15 \times 6 = \blacksquare$
- (J)  $15 \div 6 = \blacksquare$

5. Suppose you wanted to double the number 8 and then add 10 to it. Which number sentence would you use?

- (A)  $(8 \times 2) + 10 = \blacksquare$
- (B)  $8 + 2 + 10 = \blacksquare$
- (C)  $8 \times 2 \times 10 = \blacksquare$
- (D)  $(2 \times 10) + 8 = \blacksquare$

6. How do you find the perimeter of a rectangle?

- (F) Square the length of one side.
- (G) Subtract the length of the shortest side from the length of the longest side.
- (H) Multiply the base times the height.
- (J) Add the lengths of all sides.

all the way