# 4th Online Learning #1 MATH

# Subject: Mathematics

# State: Ohio

Student Name:_____

Teacher Name:_____

School Name:_____

1 Solve the subtraction problem 3546 – 928.

As you are solving the problem, stop after each step and explain it on the lines below the problem. Use place value language in your explanations.

If you need more space, you may keep writing in the space below the lines.

3546
- 928

Step 1: _____

_____

_____

Step 2: _____

_____

_____

Step 3: _____

_____

_____

Step 4: _____

_____

_____

Step 5: _____

_____

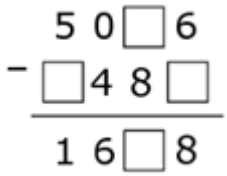
_____

Step 6: _____

_____

_____

2 Fill in each box in the subtraction problem with a single digit between 0 and 9. When you are finished, the subtraction problem should be solved correctly.



3 What value for ? makes the number sentence below true?

$3205 - ? = 68$

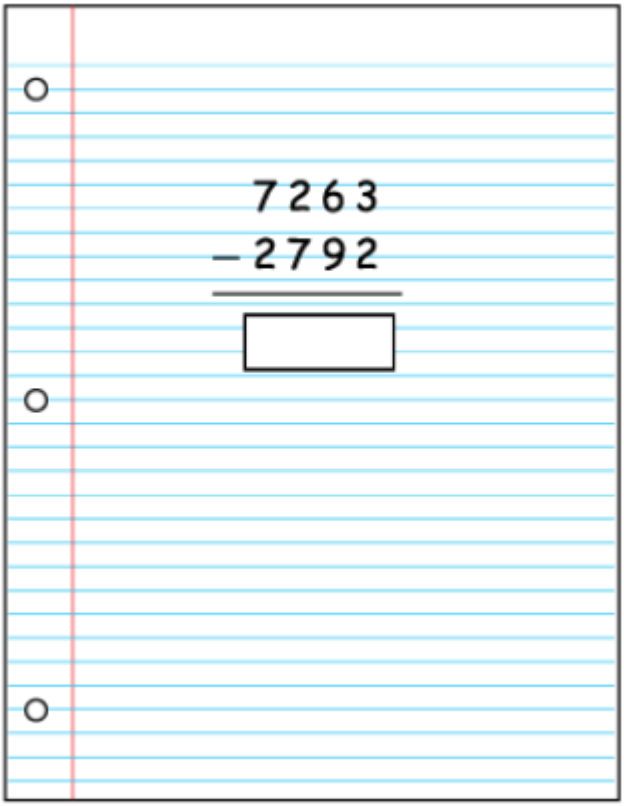
(A) 3137

(B) 3147

(C) 3263

(D) 3273

4 Complete the subtraction below by writing your answer in the box.



5 Solve.

6,272 + 2,766 = ?

6 Solve.

5,314 – 4,983 = ?

7 Solve.

7,564 + 8,239 = ?

8 Solve.

9,751 – 2,489 = ?

9

Solve the number sentence below.

382 + 563 = ?

(A) 826

(B) 845

(C) 945

(D) 956

10

Solve.

941 - 795 =

(A) 137

(B) 146

(C) 156

(D) 254

11 Tanya ran 400 meters on Tuesday. She ran 800 meters on Wednesday.

What is the total number of meters Tanya ran on these two days?

12 What is the sum of these numbers?

$$\begin{array}{r} 4325 \\ +\ 654 \\ \hline \end{array}$$

13 Which number is the value of 90,372 + 41,685?

(A) 131,857

(B) 131,957

(C) 132,057

(D) 135,117

14 Subtract 3,946 from 6,784.

15 An airplane flew 1,155 miles on its first trip and 1,695 miles on its second trip.

What is the total number of miles the airplane flew on these two trips?

16 The table below shows the number of points scored by three video game players.

| Player | Number of Points |
|---|---|
| player one | 8,209 |
| player two | 3,824 |
| player three | 3,317 |

How many more points does player one have than the combined points of player two and player three?

(A) 1,068

(B) 2,078

(C) 7,702

(D) 8,716

17 An elementary school held a fund-raiser. The third grade raised $3,681, the fourth grade raised $5,532, and the fifth grade raised $4,989.

How much more did the third- and fifth-grade classes raise together than the fourth-grade class?

(A) $2,028

(B) $3,138

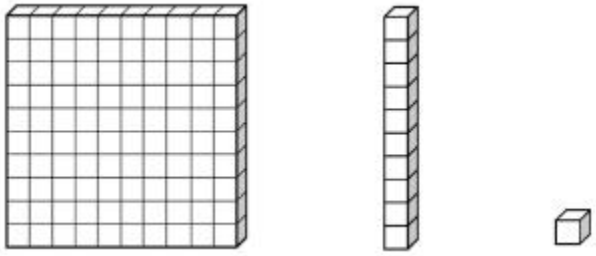
(C) $3,142

(D) $4,224

18 Solve.

5,296 − 3,488 =

19 Use base-ten blocks like these to model 247 × 3.



What is the product of 247 × 3?

20 Pablo solved a multiplication problem using two different methods. He made a mistake in either Method W or Method Z.

**Method W**

23 × 49

20 × 9 = 180
3 × 9 = 27
20 × 4 = 80
3 × 4 = + 12
299

**Method Z**

23 × 49

**Area Model**

| | 40 | + 9 |
|---|---|---|
| 20 | 800 | 180 |
| + 3 | 120 | 27 |

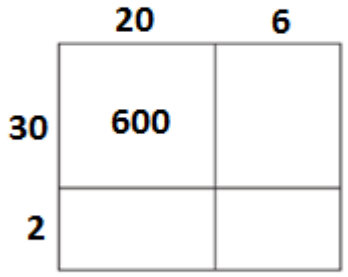
**Rectangle Sections**

1
800
120
180
+ 27
1,127

Identify the method where Pablo made a mistake and explain what he should do to correct it.

21 Complete the area model by writing the correct numbers from the box in the blank spaces in the diagram. Then choose the correct number from the box to complete the equation. You will not use all the numbers in the box.

| | | | |
|---|---|---|---|
| 8 | 12 | 40 | 50 |
| 180 | 712 | 802 | 832 |




26 x 32 = ☐

22 The Waterman School auditorium has 80 rows of seats. There are 50 seats in each row. What is the total number of seats in the Waterman School auditorium?

(A) 40,000

(B) 4,000

(C) 400

(D) 40

23 Lee wrote the equation shown below.

$32 \times 27 = \underline{?}$

What number belongs in the $\underline{?}$ to make Lee's equation true?

(A) 288

(B) 614

(C) 854

(D) 864

24 What is the value of the expression shown?

$332 \times 8$

(A) 2,446

(B) 2,456

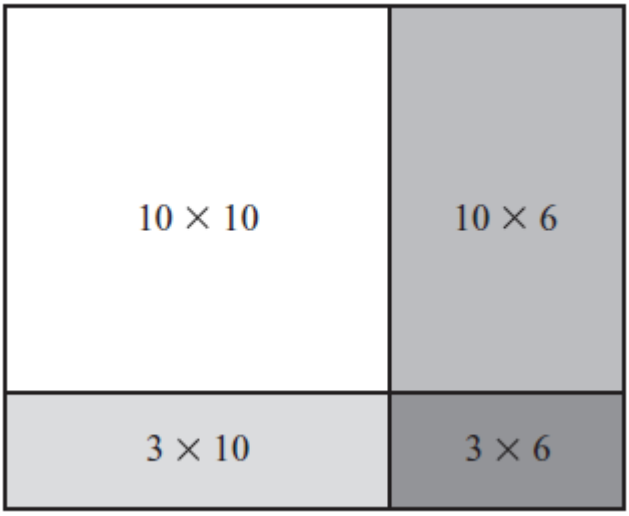
(C) 2,646

(D) 2,656

25 Write the product below.

$$\begin{array}{r} 96 \\ \times\ 78 \\ \hline \end{array}$$

26 Nathan is using the area model below to solve a problem.




Which problem is represented by the whole area model?

(A) $12 \times 6 = \square$

(B) $16 \times 13 = \square$

(C) $20 \times 9 = \square$

(D) $60 \times 30 = \square$