

Weekly
MATH
Homework

Sept. 29 - Oct. 3

MATH
ROCKS

DUE TUESDAY: *Pattern Practice* (2 pages)

DUE WEDNESDAY: *Multiply Tens, Hundreds, and
Thousands page* (circled problems only!) **and**
Estimate Products page (circled problems only!)

DUE FRIDAY: *Lesson Check page*

My timed test on FRIDAY is on the _____ facts!

Name _____

Parent Signature _____

😊 Pattern Practice! 😊

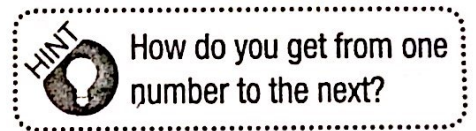
* Due Tues! *

Use the number pattern to answer the questions.

1. 4, 10, 16, 22, 28, ...

What is the rule for the pattern? _____

What is the next number in this pattern? _____



2. 162, 153, 144, 135, 126, ...

What is the rule for the pattern? _____

What is the next number in this pattern? _____

Draw the next figure for each pattern. Then write the rule for the pattern.

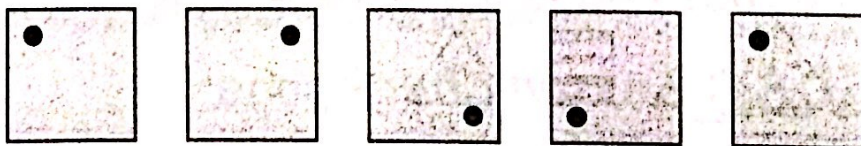
3.



The rule is _____

REMEMBER Look at the sizes, marks, and shapes of the figures.

4.



The rule is _____

Fill in the missing numbers. Then answer the question.

5. The rule is $+9$.

5, _____, _____, _____, _____

What do you notice about the terms?

6. The rule is $\times 2$.

2, _____, _____, _____, _____

What do you notice about the terms?

Choose the best answer.

7. Andy wrote the pattern below.

87, 81, 75, 69, 63

What is the rule for Andy's pattern?

- A. -6
- B. $+6$
- C. $\div 6$
- D. -7

Solve.

8. The houses on Jenny's street follow a pattern. The first six houses are numbered 1, 4, 7, 10, 13, and 16. What are the next two house numbers?

9. Omar earns money for walking dogs. He earned \$5 in the first week, \$7 in the second week, \$9 in the third week, and \$11 in the fourth week. If this pattern continues, how much will Omar earn in the fifth week?

10. **CREATE** Write your own number pattern and explain the rule you used.

Name _____

Due Wednesday!

Lesson 2.3

Multiply Tens, Hundreds, and Thousands

Circled problems only!



COMMON CORE

Georgia Performance Standard MCC4.NBT.5

Use place value understanding and properties of operations to perform multi-digit arithmetic.

Find the product.

1. $4 \times 7,000 = 28,000$

Think: $4 \times 7 = 28$

So, $4 \times 7,000 = 28,000$

2. $9 \times 60 =$ _____

3. $8 \times 200 =$ _____

4. $5 \times 6,000 =$ _____

5. $7 \times 800 =$ _____

6. $8 \times 90 =$ _____

7. $6 \times 3,000 =$ _____

8. $3 \times 8,000 =$ _____

9. $5 \times 500 =$ _____

10. $9 \times 4,000 =$ _____

11. $7 \times 7,000 =$ _____

12. $3 \times 40 =$ _____

13. $4 \times 5,000 =$ _____

14. $2 \times 9,000 =$ _____

Problem Solving



15. A bank teller has 7 rolls of coins. Each roll has 40 coins. How many coins does the bank teller have?

16. Theo buys 5 packages of paper. There are 500 sheets of paper in each package. How many sheets of paper does Theo buy?

Estimate Products



COMMON CORE

Georgia Performance Standard MCC4.NBT.5

Use place value understanding and properties of operations to perform multi-digit arithmetic.

***circled problems only! ***

Estimate the product by rounding.

$$\begin{array}{r}
 1. \quad 4 \times 472 \\
 4 \times 472 \\
 \downarrow \\
 4 \times 500 \\
 \hline
 \mathbf{2,000}
 \end{array}$$

$$\begin{array}{r}
 \textcircled{2.} \quad 2 \times 6,254 \\
 \downarrow \\
 2 \times \underline{\quad\quad} =
 \end{array}$$

$$\begin{array}{r}
 \textcircled{3.} \quad 9 \times 54 \\
 \downarrow \\
 9 \times \underline{\quad} =
 \end{array}$$

$$4. \quad 5 \times 5,503$$

$$5. \quad 3 \times 832$$

$$\textcircled{6.} \quad 6 \times 98$$

$$7. \quad 8 \times 3,250$$

$$\textcircled{8.} \quad 7 \times 777$$

Find two numbers the exact answer is between.

$$9. \quad 3 \times 567$$

$$10. \quad 6 \times 7,381$$

$$11. \quad 4 \times 94$$

$$12. \quad 8 \times 684$$

Problem Solving  **REAL WORLD**

13. Isaac drinks 8 glasses of water each day. He says he will drink 2,920 glasses of water in a year that has 365 days. Is the exact answer reasonable? **Explain.**

14. Most Americans throw away about 1,365 pounds of trash each year. Is it reasonable to estimate that Americans throw away over 10,000 pounds of trash in 5 years? **Explain.**

* Due Friday! * "Lesson Check"



Lesson Check MCC4.NBT.5

1. A plane is traveling at a speed of 400 miles per hour. How far will the plane travel in 5 hours?
(A) 200 miles
(B) 2,000 miles
(C) 20,000 miles
(D) 200,000 miles
2. One week, a clothing factory made 2,000 shirts in each of 6 different colors. How many shirts did the factory make in all?
(A) 2,000
(B) 12,000
(C) 120,000
(D) 200,000

Keeping Skills Sharp MCC4.OA.1, MCC4.OA.2, MCC4.OA.3, MCC4.NBT.2

3. Which comparison sentence best represents the equation?
 $6 \times 7 = 42$
(A) 7 is 6 times as many as 42.
(B) 6 is 7 times as many as 42.
(C) 42 is 6 times as many as 7.
(D) 6 more than 7 is 42.
4. The population of Middleton is six thousand, fifty-four people. Which of the following shows this number written in standard form?
(A) 654
(B) 6,054
(C) 6,504
(D) 6,540
5. In an election for mayor, 85,034 people voted for Carl Green and 67,952 people voted for Maria Lewis. By how many votes did Carl Green win the election?
(A) 17,082
(B) 17,182
(C) 22,922
(D) 152,986
6. Meredith picked 4 times as many green peppers as red peppers. If she picked a total of 20 peppers, how many green peppers did she pick?
(A) 4
(B) 5
(C) 16
(D) 24

7.
$$\begin{array}{r} 45 \\ \times 63 \\ \hline \end{array}$$

Try Grid Method!!