# $0: \%$ <br>  <br> Good and Beautiful MATH 4 ANSWER  

Goodd Beautiful

## Hexagonal Honeycombs

Starting at the
circled 3, use skip counting by 3 s to color in every third hexagon on the first honeycomb.

On the second honeycomb, start at the circled 6 and use skip counting by 6 s to color in every sixth hexagon.
$\begin{array}{llllllllll}1 & 2 & 3 & 4 & 5 & 6 & 7 & 8 & 9 & 10\end{array}$
 $\begin{array}{llllllllllll}21 & 22 & 23 & 24 & 25 & 26 & 27 & 28 & 29 & 30\end{array}$

 $\begin{array}{lllllllllllll}41 & 42 & 43 & 44 & 45 & 46 & 47 & 48 & 49 & 50\end{array}$ \begin{tabular}{lllllllllll}
51 \& 52 \& 53 \& 54 \& 55 \& 56 \& 57 \& 58 \& 59 \& 60 <br>
\hline

 (61) $6 2 \longdiv { 6 3 } \quad 6 4 \quad 6 5 \longdiv { 6 6 } 6 7 \longdiv { 6 8 } 6 9 \quad 7 0$ $\begin{array}{lllllllllllllll}71 & 72 & 73 & 74 & 75 & 76 & 77 & 78 & 79 & 80\end{array}$ 

\hline 81 \& 82 \& 83 \& 84 \& 85 \& 86 \& 87 \& 88 \& 89 \& 90
\end{tabular} $9 1 \quad 9 2 \longdiv { 9 3 } 9 4 \longdiv { 9 5 } 9 6 9 7 9 8 \quad 9 9 1 0 0$

$\begin{array}{llllllllll}1 & 2 & 3 & 4 & 5 & 6 & 7 & 8 & 9 & 10\end{array}$

| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | $\begin{array}{lllllllllll}21 & 22 & 23 & 24 & 25 & 26 & 27 & 28 & 29 & 30\end{array}$ $\begin{array}{lllllllllllllllllll}31 & 32 & 33 & 34 & 35 & 36 & 37 & 38 & 39 & 40\end{array}$ 41) $42 \quad 43 \quad 44 \quad 45 \quad 46 \quad 47 \quad 48 \quad 49 \quad 50$ $\begin{array}{lllllllllll}51 & 52 & 53 & 54 & 55 & 56 & 57 & 58 & 59 & 60\end{array}$ | 61 |
| :---: |
| $6 2 \quad 6 3 \quad 6 4 \quad 6 5 \longdiv { 6 6 } 6 7 \quad 6 8 \quad 6 9 \quad 7 0$ | $\begin{array}{llllllllllll}71 & 72 & 73 & 74 & 75 & 76 & 77 & 78 & 79 & 80\end{array}$ $\begin{array}{lllllllllll}81 & 82 & 83 & 84 & 85 & 86 & 87 & 88 & 89 & 90\end{array}$ $91 \begin{array}{lllllllll}92 & 93 & 94 & 95 & 96 & 97 & 98 & 99 & 100\end{array}$



Starting at the circled 9 , use skip counting by 9 s to color in every ninth hexagon on the third honeycomb.

Look at the numbers you colored in the last honeycomb. Which number pattern do they follow?
EVEN, EVEN, EVEN, EVEN


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Lesson Practice
I. Write a sequence by skip counting by 7 s.
5. Circle the numbers on the number lines that follow the pattern of skip counting by $4 s$.
$7, \underline{14}, \underline{21}, \underline{28}, \underline{35}, \underline{42}, \underline{49}, \underline{56}, \underline{63}$
2. Circle the correct pattern for the sequence above.


EVEN, EVEN, EVEN, EVEN

3. Fill in the missing numbers for the following sequence:

$$
8,16,24,32,40,48
$$



$$
56,64,72,80,88
$$

4. Write the minutes around the outside of the clock by skip counting by 5 s. The first two have been done for you.



MATH 4

## Review

I. On the centimeter side, skip count by $3 s$ and circle the numbers. On the inch side, skip count by $2 s$ and circle the numbers.


2. You and your best friend are each baking cupcakes to sell together this weekend at the farmers market. You baked 36 strawberry cream cupcakes, and your best friend baked 48 double chocolate cupcakes. How many cupcakes will you have altogether to sell this weekend? Show your work in the box to the right.

3. You plan to sell each cupcake for $\$ 4$. Continue this skip counting number pattern to determine how much money you will have after selling 13 cupcakes.
$\$ 4, \$ 8, \underline{\$ 12}, \underline{\$ 16}, \underline{\$ 20}, \underline{\$ 24}, \underline{\$ 28}, \underline{\$ 32}, \underline{\$ 36}, \underline{\$ 40}, \underline{\$ 44}, \$ 48, \$ 52$
4. On Saturday you and your friend added up all the money you made. After paying your moms back for groceries to make the cupcakes, you had $\$ 47.24$ and your friend had $\$ 54.47$. How much money did you and your friend make together?

$$
\$ 47.24
$$

$\$ 54.47$
$+\$ 54.4$

5. Label the hours on the clock from I to 12 , and then draw the hour and minute hands to show $9: 15$.

6. Circle the even numbers and cross out the odd.

7. Complete the multiplication problems.


$$
\begin{array}{rr}
61 \\
8 \longdiv { 4 8 8 } & 91 \\
\hline 549
\end{array}
$$

3. Fill in the missing numerators and denominators to make fractions equal to $\frac{1}{2}$.

$$
\frac{9}{18} \quad \frac{3}{6} \quad \frac{13}{26} \quad \frac{15}{30} \quad \frac{6}{12} \quad \frac{2}{4} \quad \frac{4}{8} \quad \frac{1}{2} \quad \frac{8}{16} \quad \frac{20}{40} \quad \frac{12}{24}
$$

4. Fill in the missing information to make equivalent fractions.

$$
\begin{array}{r}
346 \\
\\
\times \quad 251 \\
\times \quad \begin{array}{r}
582 \\
\times 62
\end{array} \\
\hline 6,657
\end{array} \begin{array}{r}
582 \\
\hline 1,746
\end{array}
$$


2. Devin made a mistake when completing the division problem below. Can you find his mistake? Once you do, complete the problem correctly.
14 He forgot to bring down the 8 . $6 \longdiv { 6 8 4 }$ $\begin{array}{r}114 \\ 6 \lcm{684} \\ -6 \downarrow \\ \hline 08 \\ -6 \\ \hline 24 \\ -24 \\ \hline 0\end{array}$
Targeted Multiplication (c) Practice any problems you missed in your Set D quiz in Fact Practice Lesson 49. Then complete the problems in this section.

$$
\begin{array}{rrrrrrrr}
12 & 12 & 12 & 12 & 12 & 12 & 12 & 12 \\
\times 3 \\
\hline 36 & \frac{312}{144} & \frac{\times 8}{96} & \frac{\times 5}{60} & \frac{12}{132} & \frac{\times 7}{84} & \frac{\times 4}{48} & \frac{\times 9}{108} \\
9 & 3 & 11 & 8 & 5 & 6 & 4 & 7 \\
\hline 9 & \frac{6}{72} \\
\hline 10 & \frac{\times 12}{36} & \frac{\times 12}{132} & \frac{\times 12}{96} & \frac{\times 12}{60} & \frac{\times 12}{72} & \frac{\times 12}{48} & \frac{\times 12}{84}
\end{array} \frac{\times 12}{24}
$$

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Are you ready to go on a treasure hunt? Use the ordered pairs listed to find the path to the treasure chest. As you find each point, write the letter for that ordered pair in the box at the bottom of the next page. Connect the points in


Math 4 Answer Key

## REVIEW GAME: UNITS 1 AND 2

$\triangle$ Complete today's Math 4 Mental Math Map Mysteries activity.
$\triangle$ There are no more videos, mini lessons, or practice!
Welcome to Italy! In the next two lessons, we will be taking a trip across the country of Italy, visiting different cities while reviewing some of the most important skills you've learned throughout this course. Follow the itinerary below to move from city to city. Complete each of the problems on the postcard for that city before moving on to the next city.

DAY I
Your plane lands in Italy at $4: 45$ PM. The plane ride lasted 2
hours and 20 minutes. At what time did you board the plane?

## 2:25 PM

Your tour of Italy starts in Bolzano, the capital of the South Tyrol region. This beautiful area offers stunning castles and quaint mountain villages amid endless hills and vineyards.

DAY 2
You hop on a bus for the short trip to the famous city of Venice. The bus leaves at 7:23 AM and arrives at 10:50 AM. How long was the bus ride?

## 3 hours 27 minutes

The city of Venice stretches across 118 small islands and doesn't have any major roads, just canals! Today, you take a gondola ride through the historic city.



Rewrite each problem vertically and complete it.
$241.62+92.107$
175.845-47.5 333.727
128.345

Divide or multiply each number by moving the decimal point.

| $22.47 \div 10=2.247$ | $4.32 \times 10=43.2$ |
| :--- | :--- |
| $195.3 \div 100=1.953$ | $7.489 \times 100=748.9$ |
| $12,347 \div 1,000=12.347$ | $1.234 \times 1.000=1,234$ |

In the number below, circle the digit in the thousandths place. Draw a square around the digit in the tenths place. Cross out the digit in the hundredths place.

| 2,487.951 |  |  |
| :---: | :---: | :---: |
| Additional Practice |  |  |
| Complete each problem. |  | Divide or multiply each decimal number by moving the decimal point. |
| $\begin{array}{r} 12.75 \\ +\quad 0.47 \\ \hline 13.22 \end{array}$ |  |  |
|  | $\begin{array}{r} -41.24 \\ \hline \end{array}$ | $21.8 \div 10=2.18$ |
|  | $115.88$ | $634.2 \div 100=6.342$ |
|  |  | $321.7 \div 1,000=0.3217$ |
| Circle the digit in the hundredths place. |  | $0.78 \times 10=7.8$ |
|  |  | $27.87 \times 100=2,787$ |
| 14.517 .398 |  | $2.0478 \times 1,000=2,047.8$ |

(LeSSONS 41, 47, 51, 63, 69, 77. 81,97,101, וII \& 113 )
Complete each division problem. Remember to write the decimal point in the quotient if necessary.


Complete each division problem. Remember to write the decimal point in the quotient if necessary


## EXPONENTS \& PRIME NUMBERS (LESSONS 37 G 52)

Convert from factored form to
exponent form.
$2 \times 2 \times 2=2^{3}$
$5 \times 5 \times 5 \times 5 \times 5=5$
$8 \times 8 \times 8 \times 8 \times 8 \times 8=8^{6}$
$3 \times 3 \times 3 \times 3=3^{4}$
Circle all the prime numbers in the box below.

$$
\text { (2) (3) } 4 \text { (5) } 6(7) 8910
$$

Fill in the perfect squares in the chart. The first one has been done.

$$
\text { (11) } 12 \text { (13) } 14 \quad 15 \quad 16 \text { (17) } 18
$$

| $4^{2}$ | 16 |
| :---: | :---: |
| $8^{2}$ | 64 |
| $2^{2}$ | 4 |
| $5^{2}$ | 25 |
| $3^{2}$ | 9 |
| $9^{2}$ | 81 |

## $\geqslant$ Additional Proctice

Convert from exponent form to factored form.
$4^{6}=4 \times 4 \times 4 \times 4 \times 4 \times 4$
$7^{3}=7 \times 7 \times 7$
$9^{5}=9 \times 9 \times 9 \times 9 \times 9$
$6^{2}=6 \times 6$
Circle all the composite numbers in the box below.
$23(45(6) 7810$
$11(121314151718$

Fill in the perfect squares in the chart. The first one has been done.

| $11^{2}$ | 121 |
| :---: | :---: |
| $4^{2}$ | 16 |
| $10^{2}$ | 100 |
| $7^{2}$ | 49 |
| $6^{2}$ | 36 |
| $12^{2}$ | 144 |

