



Chapter 1

Designing Your Dream Bedroom

Interior decorators plan, design, and decorate spaces for their clients. They must consider function, safety, traffic flow, comfort, and style. They must also work within a budget.

Budgeting is an important skill for life. God calls us to be good stewards of our resources—our money, materials, and work potential. We often find that our plans exceed our resources. Math can help us budget to make wise choices and live within our resources while fulfilling our needs and wants.

In this chapter you will apply what you learn about place value and money to designing your dream bedroom. Your goal is to wisely use your resources so you can purchase the necessary items to decorate your bedroom while staying within your budget.

STEAM ACTIVITY

Name _____

1. Write the order of your purchases from least to greatest.

2. Write a check for your total purchase payable to Lovely Interior Designs and dated with today's date.
Example: August 15, 2019.

1025

DATE _____

PAY TO THE ORDER OF _____ \$ _____

_____ DOLLARS

MEMO _____

:0000000000: :0000000000: 1025

3. Were you able to keep your purchases within the budget?
How much money was left?

4. Reflection: How could you improve the design of your bedroom?
What are some ways you could have used your money more wisely?

5. Explain how the math learned in this lesson can help you make wise choices.

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Place Value

Name _____

Complete the picture and the equation.

1.

_____ ones = _____ ten

2.

_____ tens = _____ hundred

3.

_____ hundreds = _____ thousand

Write the number that is pictured.

4. = _____

5. = _____



Recovered treasures often have great value.

Write the value of the underlined digit.

6. 3,819 _____ 7. 6,432 _____

8. 1,758 _____ 9. 9,526 _____

10. 2,179 _____ 11. 5,410 _____

Fill in the missing labels on the place value chart.

Write a 4-digit number in the chart.

12.	<u>H</u>	_____	_____	_____	<u>T</u>	<u>O</u>
	_____			_____		
13.	_____	_____	_____	_____	_____	_____

- O
- T
- H
- Ones
- Thousands

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Circle the number that shows the digit with the value listed.

1. **5 hundreds**

- 5,296
3,587
6,359

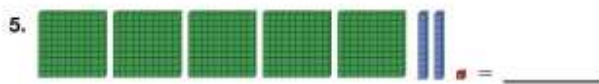
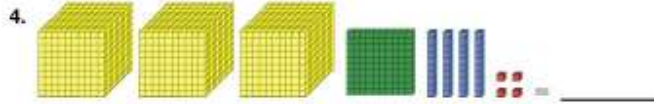
2. **8 one thousands**

- 1,586
2,890
8,653

3. **6 tens**

- 3,260
4,796
6,142

Write the number that is pictured.



Captain Bailey is eager to discover lost treasure and explore the mysteries of the sea.

Write the value of the underlined digit.

8. 5,643 _____

9. 3,981 _____

10. 270 _____

11. 1,279 _____

12. 4,152 _____

13. 863 _____

Solve.

14. $\begin{array}{r} 3 \\ + 2 \\ \hline \end{array}$

15. $\begin{array}{r} 6 \\ + 1 \\ \hline \end{array}$

16. $\begin{array}{r} 5 \\ + 4 \\ \hline \end{array}$

17. $\begin{array}{r} 4 \\ + 4 \\ \hline \end{array}$

18. $\begin{array}{r} 2 \\ + 1 \\ \hline \end{array}$

19. $\begin{array}{r} 1 \\ + 3 \\ \hline \end{array}$

20. $\begin{array}{r} 3 \\ + 5 \\ \hline \end{array}$

21. $\begin{array}{r} 7 \\ + 0 \\ \hline \end{array}$

22. $\begin{array}{r} 1 \\ + 8 \\ \hline \end{array}$

23. $\begin{array}{r} 3 \\ + 3 \\ \hline \end{array}$

24. $\begin{array}{r} 2 \\ + 6 \\ \hline \end{array}$

25. $\begin{array}{r} 0 \\ + 2 \\ \hline \end{array}$

26. $\begin{array}{r} 3 \\ + 4 \\ \hline \end{array}$

27. $\begin{array}{r} 2 \\ + 2 \\ \hline \end{array}$

Place Value Periods

Name _____

Fill in the missing labels on the place value chart.
Read the number.

O T H Ones Thousands Millions

1.		T		H		O				O
		4	1	8	6	2	7	9	4	

Circle the digit in the place listed.
Write the value of the circled digit.

2.	Hundreds place	512,654	_____
3.	Ten Thousands place	139,842	_____
4.	One Thousands place	487,210	_____
5.	Hundred Thousands place	864,137	_____

Match the number to the word form or expanded form.

- | | |
|------------------|---|
| 6. _____ 68,395 | A seventeen thousand, five hundred sixty |
| 7. _____ 143,271 | B six thousand, eight hundred seventeen |
| 8. _____ 17,560 | C one hundred forty-three thousand, two hundred seventy-one |
| 9. _____ 212,945 | D $60,000 + 8,000 + 300 + 90 + 5$ |
| 10. _____ 6,817 | E $200,000 + 10,000 + 2,000 + 900 + 40 + 5$ |

Put commas in the correct places.
Read the numbers.

11. 2319462
12. 13899
13. 658137
14. 17487210



Match the number to the word form or expanded form.

- | | |
|------------------|--|
| 1. _____ 9,193 | A $10,000 + 3,000 + 800 + 70 + 7$ |
| 2. _____ 759,842 | B seven hundred fifty-nine thousand, eight hundred forty-two |
| 3. _____ 13,877 | C six hundred eighty-one thousand, six hundred fifty-four |
| 4. _____ 681,654 | D $9,000 + 100 + 90 + 3$ |

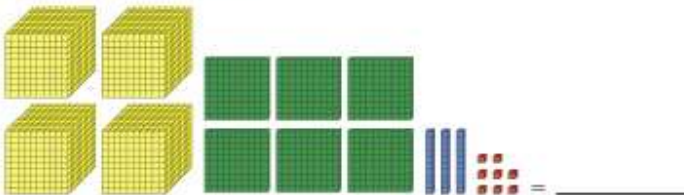
Write the value of the underlined digit.

- | | | |
|---------------------------|---------------------------|----------------------------|
| 5. <u>1</u> 6,981 _____ | 6. 27, <u>3</u> 96 _____ | 7. 8,4 <u>3</u> 2 _____ |
| 8. <u>5</u> 87,654 _____ | 9. <u>9</u> ,142 _____ | 10. 93 <u>0</u> ,621 _____ |
| 11. <u>3</u> 62,879 _____ | 12. <u>4</u> 27,365 _____ | 13. <u>6</u> 5,985 _____ |



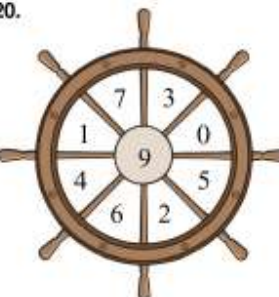
Circle the number that shows the digit with the value listed.

- | | | |
|----------------------------|-----------------------|--------------------------------|
| 14. 4 ten thousands | 15. 8 hundreds | 16. 6 hundred thousands |
| 167,548 | 58,496 | 6,821 |
| 714,325 | 185,312 | 652,347 |
| 48,163 | 591,864 | 369,812 |

Write the number that is pictured.

17.  _____

Complete the subtraction fact wheels.

- | | | |
|---|---|--|
| 18.  | 19.  | 20.  |
|---|---|--|

Place Value: Millions

Name _____

Write the standard form and expanded form.

1. Standard form	
2. Expanded form	
Word form	sixty-one million, eight hundred forty thousand, two hundred seventy-three

Match the number to the word form or expanded form.

3. _____ 409,512,665 A five hundred ten thousand, one hundred seventy-nine
4. _____ 510,179 B $1,000,000 + 400,000 + 90,000 + 5,000 + 600 + 10 + 2$
5. _____ 1,495,612 C fifty-one thousand, one hundred ninety-seven
6. _____ 51,197 D $400,000,000 + 9,000,000 + 500,000 + 10,000 + 2,000 + 600 + 60 + 5$

Write the number in standard form.

7. $500,000,000 + 40,000,000 + 600,000 + 30,000 + 2,000 + 900 + 20 + 5 =$

8. three hundred seventy-five thousand, eighty-two =

9. six million, two hundred forty-seven thousand, three hundred eighteen =

10. $100,000 + 9,000 + 900 + 30 + 1 =$

Write an explanation.

11. Why are the zeros important in the Ten Thousands and Hundreds places of 603,028?

Read the statement. Complete the table using the red number.

The largest pizza ever made weighed **26,883** pounds.



1. Standard form	
2. Expanded form	
3. Word form	

The largest fruit pie ever made weighed **37,721** pounds.



4. Standard form	
5. Expanded form	
6. Word form	

Write the number in **standard form**.

7. sixty-seven thousand, five hundred sixteen = _____
8. $600,000 + 20,000 + 5,000 + 900 + 60 + 2 =$ _____
9. $60,000,000 + 2,000,000 + 500,000 + 90,000 + 2,000 + 400 + 80 + 1 =$ _____

Circle the digit in the place listed.
Write the value of the circled digit.

10. One Millions place	925,682,183	_____
11. Ten Thousands place	231,596,470	_____
12. Hundred Millions place	647,391,208	_____

Put commas in the correct places.
Read the numbers.

13. 60578261
14. 1840912
15. 32594



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Compare Numbers

Name _____

Write the period name for the place with the greatest value.

1. 43,186,507 _____
2. 189,376 _____
3. 562 _____
4. 6,912,000 _____
5. 72,360 _____

Write the value of the underlined digit.

6. 2,038,642 _____
7. 1,597,650 _____
8. 4,681,532 _____
9. 371,289 _____
10. 23,790,605 _____

Write $>$, $<$, or $=$ to compare.

11. 73,912 3,491,293
12. 8,444 18,310
13. 39,850 39,640
14. 156,263 329,609
15. $70,000 + 1,000 + 400 + 9$ 71,316
16. $2,000 + 300 + 40 + 1$ 2,341
17. $50,000 + 2,000 + 60 + 3$ 52,163



Compare the number of periods.

$$2,126,829 > 216,924$$

Millions

Thousands

Look at the places in a period.

$$75,541 < 675,809$$

T, O
Thousands







H, T, O
Thousands

Line up the digits.

$$8,569 > 8,540$$

$$\begin{array}{r} \$,569 \\ \$,540 \end{array}$$

Color the shell if the number sentence is true.

18.  $7,139,407 < 7,193$
19.  $32,019 > 233,018$
20.  $735 < 738$
21.  $658 > 648$
22.  $142,776 > 42,756$
23.  $7,980 = 798$

Write $>$, $<$, or $=$ to compare.

1. $38,018 \bigcirc 30,000 + 8,000 + 10 + 8$ 2. $156,263 \bigcirc 152,187$
 3. $420,609 \bigcirc 400,000 + 30,000 + 600 + 9$ 4. $6,000,000 \bigcirc 69,794$

Complete the table.

5. Standard form	
Expanded form	$5,000,000 + 300,000 + 20,000 + 700 + 80 + 1$
6. Word form	

Circle the digit in the place listed.
 Write the value of the circled digit.

7. Ten Millions place	689,562,317	_____
8. Hundred Thousands place	712,460,283	_____
9. Tens place	3,895,627	_____
10. One Millions place	17,580,312	_____
11. One Thousands place	896,347	_____

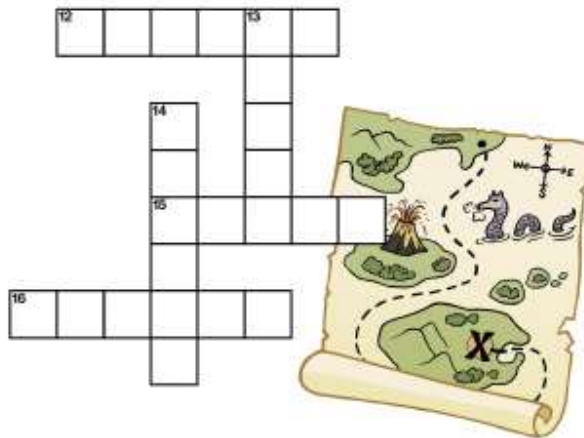
Write in the crossword puzzle the **standard form** for each number.

Across

12. $300,000 + 70,000 + 5,000 + 10 + 2$
 15. $90,000 + 1,000 + 600 + 80 + 5$
 16. $600,000 + 300 + 20 + 8$

Down

13. $10,000 + 7,000 + 300 + 6$
 14. $100,000 + 9,000 + 900 + 30 + 3$



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