


Name:

Place Value Classwork

1. Complete the table below using numbers and drawing base ten blocks.


Number	Base Ten Block Drawing
246	
	
381	

2. How many tens are in the number 348? _____
3. How many hundreds are in the number 231? _____
4. How many ones are in the number 138? _____
5. What is the value of the underlined digit? 823 _____
6. What is the value of the underlined digit? 193 _____
7. What is 300 more than 599? _____

Name: _____

Place Value Homework

8. Complete the table below using numbers and drawing base ten blocks.

Number	Base Ten Block Drawing
273	
	
127	

9. How many tens are in the number 289? _____

10. How many hundreds are in the number 172? _____

11. How many ones are in the number 230? _____

12. What is the value of the underlined digit? 912 _____

13. What is the value of the underlined digit? 129 _____

14. What is 300 more than 612? _____

Name:

Place Value - Standard, Numeric, and Expanded Forms

Classwork

15. How is 679 written in words?

How is it written in expanded form? _____

16. What number is $400+10+6$ written in standard form?

17. Jake wrote five hundred four as 540. Explain what he did wrong.

18. Write as many 3-digit numbers as you can with the digits 2, 4, 6 in each number.

Using the numbers you wrote above, choose the largest possible number and write that number in word form.

Using the numbers you wrote above, choose the smallest possible number and write that number in expanded form.

Homework

19. How is 426 written in words?

How is it written in expanded form? _____

20. What number is $900+50+0$ written in standard form?

21. Susan wrote six hundred two as 620. Explain what she did wrong.

22. Write as many 3-digit numbers as you can with the digits 1, 3, 5 in each number.

Using the numbers you wrote above, choose the largest possible number and write that number in word form.

Using the numbers you wrote above, choose the smallest possible number and write that number in expanded form.

Name:

Place Value - Comparing Numbers

Classwork

23. Write a 5 in the ones places.
Write a 3 in the thousands place
Write a 0 in the hundreds place.
Write a 4 in the tens place.
Write a 1 in the ten-thousands place.

24. Write a 7 in the tens places.
Write a 1 in the ten-thousands place
Write a 9 in the hundreds place.
Write a 6 in the ones place.
Write a 2 in the thousands place.

25. Compare the two numbers you wrote in the two problems above. Which is greater? _____

26. Place the appropriate symbol ($<$ or $>$) between the following pairs of numbers:

- | | |
|--------|-------|
| a. 345 | 354 |
| b. 159 | 158 |
| c. 999 | 1,000 |
| d. 428 | 69 |

27. Draw a number line and mark and label points for these numbers: 99;105;86;101

28. Ana compared 918 and 1,047. She says that 918 is larger than 1,047 because 9 is larger than 1. What is Ana's mistake?

29. Using the numbers 4, 9, 1, 0.

Write the largest number you can. _____

Write the smallest number you can. _____

Write a number that is in between the smallest and largest numbers that you made. _____

Homework

30. Write a 9 in the ones places.
Write a 4 in the thousands place
Write a 1 in the hundreds place.
Write a 0 in the tens place.

31. Write a 9 in the tens places.
Write a 4 in the hundreds place.
Write a 0 in the ones place.
Write a 6 in the thousands place.

32. Compare the two numbers you wrote in the two problems above. Which is smaller? _____

33. Place the appropriate symbol ($<$ or $>$) between the following pairs of numbers:

- | | |
|----------|-----|
| e. 465 | 564 |
| f. 1,001 | 201 |
| g. 951 | 654 |
| h. 99 | 101 |

34. Draw a number line and mark and label points for these numbers: 45;56;50;64

35. Jacob compared 81 and 104. He says that 81 is larger than 104 because 8 is larger than 1. What is Jacob's mistake?

36. Using the numbers 5, 8, 0

Write the smallest number you can. _____

Write the largest number you can. _____

Write a number that is in between the smallest and largest numbers that you made. _____

Name:

Place Value - Ordering Numbers

Classwork

37. Write the numbers in order from greatest to least.

450, 427, 436 _____

38. Write the numbers in order from least to greatest.

345, 358, 321 _____

39. Place the numbers on the number line. 415, 399, 402



40. Lexi ordered the weights of three baby animals from least to greatest. She wrote 220, 330, 250. What was her mistake? _____

Homework

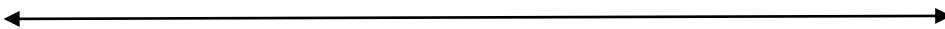
41. Write the numbers in order from least to greatest.

340, 337, 356 _____

42. Write the numbers in order from greatest to least.

785, 788, 771 _____

43. Place the numbers on the number line. 561, 555, 566



44. Jon ordered the weights of three bear cubs from greatest to least. He wrote 256, 345, 243. What was his mistake?

Name:

Place Value - Rounding

Classwork

45. Round 46 to the nearest ten. _____

46. Round 644 to the nearest ten. _____

Round 644 to the nearest hundred. _____

47. Take the number 456 and place it between its nearest tens.



Now, round it to the nearest ten. _____

48. Circle all of the numbers that round to 900.

- i. 901
- j. 949
- k. 951
- l. 999

Homework

49. Round 62 to the nearest ten. _____

50. Round 788 to the nearest ten. _____

Round 788 to the nearest hundred. _____

51. Take the number 265 and place it between its nearest hundreds.



Now, round it to the nearest hundred. _____

52. Circle all of the numbers that round to 850.

- m. 801
- n. 848
- o. 854
- p. 860

Homework

$$58.8 + 0 = \underline{\hspace{2cm}}$$

$0 + 8 = \underline{\quad}$

What property is this? _____

$$59.1 + 23 = \underline{\hspace{2cm}}$$

$23 + 1 = \underline{\hspace{2cm}}$

What property is this? _____

$$60.1 + (11 + 6) = \underline{\hspace{2cm}}$$

$$(1 + 11) + 6 = \underline{\hspace{2cm}}$$

What property is this? _____

61. Place parenthesis two different ways, then solve.

$$4 + 9 + 3 = \underline{\hspace{2cm}}$$

$$4 + 9 + 3 = \underline{\hspace{2cm}}$$

62. A lunch bag has 4 chocolate cookies, 3 vanilla cookies, and 1 twist cookie. How many cookies are in the bag in all? _____

Draw a picture.

Write a number sentence. _____

Name:

Place Value - Missing Addends

Classwork

63. Use the same number twice to fill in the missing addends.

$$\underline{\hspace{1cm}} + \underline{\hspace{1cm}} = 16$$

$$20 = \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$$

64. What number does the x stand for? $15 + x = 25$ _____

65. What does the k stand for? $k + 14 = 21$ _____

66. Fill in the missing addends.

$$9 + \underline{\hspace{1cm}} = 9$$

$$\underline{\hspace{1cm}} + 13 = 20$$

67. Solve both number sentences. Then, write the related subtraction fact for each.

$$5 + \underline{\hspace{1cm}} = 9$$

$$\underline{\hspace{1cm}} + 8 = 9$$

Homework

68. Use the same number twice to fill in the missing addends.

$$\underline{\quad\quad} + \underline{\quad\quad} = 22$$

$$10 = \underline{\quad\quad} + \underline{\quad\quad}$$

69. What number does the h stand for? $10 + h = 10$ _____

70. What does the ! stand for? $! + 7 = 9$ _____

71. Fill in the missing addends.

$$8 + \underline{\quad\quad} = 19$$

$$\underline{\quad\quad} + 13 = 20$$

72. Solve both number sentences. Then, write the related subtraction fact for each.

$$6 + \underline{\quad\quad} = 10$$

$$\underline{\quad\quad} + 18 = 19$$

Name:

Place Value - Estimating Sums

Classwork

73. What is the estimated sum for:

$87 + 21?$ _____

$74 + 95?$ _____

$651 + 54?$ _____

$871 + 24?$ _____

74. Why is estimating helpful?

75. Why could you estimate the sum of $127 + 28$ to be 150 instead of 160?

76. During a hot dog eating contest, Gavin was able to eat 56 hot dogs. His opponent ate 45. About how many hot dogs did they eat altogether?

- a. 100
- b. 110
- c. Both A and B

Explain why you chose the answer you did. _____

Homework

77. What is the estimated sum for:

a. $87 + 54$? _____

b. $98 + 54$? _____

c. $49 + 951$? _____

d. $15 + 304$? _____

78. Describe a situation in which estimating would be important? _____

79. Why could you estimate the sum of $407 + 81$ to be 480 instead of 490. _____

80. At an end of the year sale, a store sold a rug for \$146 and a lamp for \$58. About how much money did they make?

- a. 200
- b. 210
- c. Both A and B

Explain why you chose the answer you did. _____

Name:

Place Value - Addition of 2-digit Numbers

Classwork

81. Explain when you need to regroup. _____

82. Draw base ten blocks for the sum of $21+15$.

Solve.

83. $74 + 57 =$ _____

84. $44 + 61 =$ _____

85.
$$\begin{array}{r} 31 \\ +45 \\ \hline \end{array}$$

86.
$$\begin{array}{r} 48 \\ + 84 \\ \hline \end{array}$$

87. Jonah has 26 rocks in his collection. Sandra had 45 rocks in her collection.
Juan has 97 rocks in his collection. How many rocks do they have all together?

Number Sentence: _____

Homework

88. When adding two 2 digit numbers together, can you end up having a sum with 3 digits? Explain. _____

89. Draw base ten blocks for the sum of $65 + 65$.

Solve.

90. $86 + 53 =$ _____

91. $65 + 39 =$ _____

92.
$$\begin{array}{r} 24 \\ +46 \\ \hline \end{array}$$

93.
$$\begin{array}{r} 43 \\ + 49 \\ \hline \end{array}$$

94. Lori has 69 marbles in her collection. Alana had 78 marbles in her collection. Joey has 14 marbles in his collection. How many marbles do they have all together?

Number Sentence: _____

Name:

Place Value - Addition of 3-Digit Numbers

Classwork

95. Explain when you need to regroup. _____

96. Draw base ten blocks for the sum of $221 + 115$.

Solve.

97. $684 + 357 =$ _____

98. $544 + 981 =$ _____

99.
$$\begin{array}{r} 421 \\ + 645 \\ \hline \end{array}$$

100.
$$\begin{array}{r} 348 \\ + 984 \\ \hline \end{array}$$

101. Jon has 126 stickers in his collection. Amanda had 245 stickers in her collection. Jose has 147 stickers in his collection. How many stickers do they have all together?

Number Sentence: _____

102. Which expression *could* be used to find the value of $438 + 134$? Circle the best choice.

$4 + 3 + 8$

$1 + 3 + 4$

$400+300+800$

$4 + 8 + 43 + 13$

$400+38+1$

$400+100+30+30+8+4$

$8+3+4+4+3+1$

103. Now, solve the problem. What is $438+134$? _____

Use the expression you circled above in #102 to check your answer.

104. Which expression *could* be used to find the value of $823 + 786$? Circle the best choice.

$800+700+30+80+20+6$

$700+823+68$

$8+2+3$

$7+8+6$

$20+3+80+6$

$800+700+20+80+3+6$

$328+687$

105. Now, solve the problem. What is $823 + 786$? _____

Use the expression you circled above in #104 to check your answer.

Homework

106. When adding two 3 digit numbers together, can you end up having a sum with 4 digits? Explain. _____

107. Draw base ten blocks for the sum of $165 + 265$.

108. $486 + 753 =$ _____

109. $445 + 189 =$ _____

110.
$$\begin{array}{r} 124 \\ + 546 \\ \hline \end{array}$$

111.
$$\begin{array}{r} 843 \\ + 489 \\ \hline \end{array}$$

112. Lacey has 169 marbles in her collection. Aimee had 348 marbles in her collection. Josh has 174 marbles in his collection. How many marbles do they have all together?

Number Sentence: _____

113. Which expression *could* be used to find the value of $468 + 754$? Circle the best choice.

$400+68+7$	$400+700+60+50+8+4$	$8+6+4+4+5+7$	
$4 + 6 + 8$	$7 + 5 + 4$	$400+600+800$	$4 + 8 + 54 + 75$

114. Now, solve the problem. What is $468 + 754$? _____

Use the expression you circled above in #113 to check your answer.

115. Which expression *could* be used to find the value of $283 + 956$? Circle the best choice.

$20+3+80+6$	$200+900+80+50+3+6$	$382+659$	
$200+900+80+50+30+60$	$200+956+83$	$2+8+3$	$9+5+6$

116. Now, solve the problem. What is $283+956$? _____

Use the expression you circled above in #115 to check your answer.

Name:

Place Value - Addition Story Problems

Classwork

117. Charlie found two boxes of baseball cards in his grandfather's attic. One box has 54 cards in it. The second box had 64 cards in it. How many cards did Charlie find in all?

Number Sentence: _____

118. 25 birds are perched in a tree. 13 more birds fly over to join them. How many birds are in the tree?

Number Sentence: _____

119. Three turtle doves each laid a dozen eggs. How many eggs were there in all?

Number Sentence: _____

120. A shoe factory made 425 pairs of shoes in one hour. How many shoes were made in 2 hours?
- a. 425 shoes
 - b. 850 shoes
 - c. 840 shoes

Number Sentence: _____

Homework

121. There were 39 pairs of pants on the clothing rack. A sales lady hung 29 more pair of pants on the rack. How many pairs of pants are on the rack?

Number sentence: _____

122. The year 2011 has 365 days. But 2012 is a leap year, it will have 366 days. How many days are in 2011 and 2012 altogether?

Number Sentence: _____

123. Jack scooped out 745 seeds from his pumpkin. Jill scooped out 289 from hers. How many seeds did they have together?

Number Sentence: _____

124. There are 51 cars in the parking lot. How many tires are there on all of the cars?

- a. 51
- b. 102
- c. 153
- d. 204

Number Sentence: _____

Name:

Place Value - Estimating Differences

Classwork

125. What is the estimated difference for:

a. $87 - 21$? _____

b. $74 - 59$? _____

c. $651 - 54$? _____

d. $871 - 24$? _____

126. Why is estimating helpful? _____

127. Why could you estimate the difference of $127 - 24$ to be 100 instead of 110? _____

128. A truck has 148 boxes to deliver. It drops off 22 boxes at its first stop. About how many boxes still need to be delivered?

- a. 110
- b. 120
- c. 130

Number sentence: _____

Homework

129. What is the estimated difference for:

a. $87 - 54$? _____

b. $98 - 14$? _____

c. $951 - 49$? _____

d. $304 - 15$? _____

130. Describe a situation in which estimating would be important? _____

131. Why could you estimate the difference of $407 - 81$ to be 320 instead of 330?

132. Henry scored 153 points on the first level. Then he scored 75 points on the second level. About how many more points did he score in the first level than the second level?

a. 80

b. 70

c. 90

Number sentence: _____

Name:

Place Value - Subtraction of 2-digit Numbers

Classwork

133. Explain when you need to regroup. _____

134. Draw base ten blocks for the difference of $34 - 13$.

Solve.

135. $77 - 55 =$ _____

136. $81 - 61 =$ _____

137.
$$\begin{array}{r} 96 \\ - 45 \\ \hline \end{array}$$

138.
$$\begin{array}{r} 82 \\ - 28 \\ \hline \end{array}$$

139. Jed has 26 rocks in his collection. Sydney had 45 rocks in her collection.
How many more rocks does Sydney have than Jed?

Number Sentence: _____

Homework

140. Draw base ten blocks for the difference of $65 - 35$.

Solve.

141. $86 - 53 = \underline{\hspace{2cm}}$

142. $65 - 39 = \underline{\hspace{2cm}}$

- $$\begin{array}{r} 143. \quad 44 \\ - 26 \\ \hline \end{array}$$

- $$\begin{array}{r} 144. \quad 91 \\ - 19 \\ \hline \end{array}$$

145. Lindsay has 69 marbles in her collection. Amy had 78 marbles in her collection. How many more marble does Amy have than Lindsay?

Number Sentence: _____

Name: _____

Place Value - Subtraction of 3-Digit Numbers

Classwork

146. Explain when you need to regroup. _____

147. Draw base ten blocks for the difference of $226 - 115$.

Solve.

148. $684 - 357 =$ _____

149. $981 - 544 =$ _____

150.
$$\begin{array}{r} 721 \\ - 645 \\ \hline \end{array}$$

151.
$$\begin{array}{r} 348 \\ - 184 \\ \hline \end{array}$$

152. A circle has 360 degrees. A half circle has 180 degrees. What is the difference in degrees between a circle and a half circle?

Number Sentence: _____

Homework

153. Draw base ten blocks for the difference of $265 - 65$.

Solve.

154. $786 - 753 = \underline{\hspace{2cm}}$

155. $445 - 189 = \underline{\hspace{2cm}}$

156.
$$\begin{array}{r} 624 \\ - 546 \\ \hline \end{array}$$

157.
$$\begin{array}{r} 843 \\ - 489 \\ \hline \end{array}$$

158. Dora was looking to buy a new laptop. One type of laptop was \$425 and the other type was \$ 206. How much more would she spend if she bought the more expensive laptop?

Number Sentence: _____

Name:

Place Value - Subtraction Across Zeroes

Classwork

159. Sam says that $700 - 156$ equal 656. Is he right? _____

Why or why not? _____

160. $100 - 61 =$ _____

161. $301 - 172 =$ _____

162.
$$\begin{array}{r} 200 \\ - 28 \\ \hline \end{array}$$

163.
$$\begin{array}{r} 802 \\ - 427 \\ \hline \end{array}$$

164. Ted ran a lap in 256 seconds. Raj ran a lap in 300 seconds. How many more seconds did it take Raj to run a lap than Ted?

Number Sentence: _____

Homework

165. Theresa says that $600 - 289$ equal 411. Is she right? _____

Why or why not? _____

166. $200 - 72 =$ _____

167. $401 - 283 =$ _____

168.
$$\begin{array}{r} 300 \\ - 39 \\ \hline \end{array}$$

169.
$$\begin{array}{r} 907 \\ - 538 \\ \hline \end{array}$$

170. The third grade class needs to raise \$400 to go on their field trip. They have raised \$94 so far. How much money do they still have to raise?

Number Sentence: _____

Name:

Place Value - Checking Subtraction with Addition

Classwork

171. What are the two ways that you can check your answer to a subtraction problem? _____

172. This is how Harry solved this problem:

$$\begin{array}{r} 31 \\ -22 \\ \hline 11 \end{array}$$

Show Harry how to check his answer using addition:

$$\begin{array}{r} \quad \quad \\ + \quad \quad \\ \hline \quad \quad \end{array}$$

What is the correct answer?

$$\begin{array}{r} 31 \\ -22 \\ \hline \end{array}$$

173. Solve each subtraction problem. Then, check each subtraction problem with addition.

$$\begin{array}{r} 214 \\ -142 \\ \hline \end{array} + \underline{\hspace{2cm}}$$

$$\begin{array}{r} 94 \\ -21 \\ \hline \end{array} + \underline{\hspace{2cm}}$$

$$\begin{array}{r} 345 \\ -325 \\ \hline \end{array} + \underline{\hspace{2cm}}$$

$$\begin{array}{r} 149 \\ -95 \\ \hline \end{array} + \underline{\hspace{2cm}}$$

Homework

174. What numbers do you add to check a subtraction problem? _____

175. This is how Nari solved this problem:

142

-33

111

Show Nari how to check his answer using addition:

____ _
+ ____ _

____ _

What is the correct answer?

142

-33

176. Solve each subtraction problem. Then, check each subtraction problem with addition.

$$\begin{array}{r} 105 \\ - 32 \\ \hline \end{array} \quad + \quad \underline{\hspace{2cm}}$$

$$\begin{array}{r} 456 \\ - 437 \\ \hline \end{array} \quad + \quad \underline{\hspace{2cm}}$$

$$\begin{array}{r} 251 \\ - 106 \\ \hline \end{array} \quad + \quad \underline{\hspace{2cm}}$$

$$\begin{array}{r} 87 \\ - 78 \\ \hline \end{array} \quad + \quad \underline{\hspace{2cm}}$$

Name:

Place Value - Subtraction Story Problems

Classwork

177. A desktop computer costs \$895. A laptop computer costs \$675. How much more does the desktop computer cost than the laptop computer?

Number Sentence: _____

178. Mel had 456 jelly beans in her bag. Shelly had 345 jelly beans in her bag. How many more jelly beans did Mel have than Shelly?

Number Sentence: _____

179. There are 787 ninth graders in the high school. There are 1,002 eleventh graders in the high school. How many more eleventh graders are there than ninth graders?

Number Sentence: _____

180. Sandra has 112 stamps in her collection. Susie has 86 stamps in her collection. How many more stamps does Sandra have than Susie?

Number Sentence: _____

- a. 6
- b. 16
- c. 26
- d. 27

Place Value - Subtraction Story Problems

Homework

181. A desktop computer costs \$599. A high-end gaming laptop costs \$1,399. How much more does the laptop cost than the desktop computer?

Number Sentence: _____

182. Michael counted 245 M&M's in his bag. Sheldon counted 147 M&M's in his bag. How many more M&M's did Michael have than Sheldon?

Number Sentence: _____

183. There are 134 fourth graders in the elementary school. There are 125 fifth graders in the elementary school. How many more fourth graders are there than fifth graders?

Number Sentence: _____

184. Keira has 145 books in her collection. Martin has 173 books. How many more books does Martin have than Keira?

Number Sentence: _____

- a. 8
- b. 18
- c. 28
- d. 32

Name:

Place Value – 2-Step Problem Solving

Classwork

185. Let's try a problem together.

Adam and Shelby are big football fans. They each go to many games a year. Look at the chart below. How many more games did Adam attend than Shelby?

Games Attended in last few years	Adam	Shelby
2013	22 games	13 games
2014	14 games	12 games

Step 1: First, we need to find out how many games Adam attended and how many games Shelby attended.

Adam attended _____ games Shelby attended _____ games

Step 2: Now, we can find the difference between Adam's total and Shelby's total.

Difference _____

Answer: Adam attended _____ more games than Shelby.

186. James brought Jelly Beans to share with his reading group. There were 32 Jelly Beans in his bag altogether. There were 8 white, 5 red, 9 blue, and 3 yellow. How many orange jelly beans did he bring to share?

Place Value – 2-Step Problem Solving

Homework

187. Let's try a problem together.

Luke and Eli are big videogame fans. They each play many games a week. See the table below to find their videogame totals. How many more games does Eli play than Luke?

Video Games Played	Eli	Luke
Week 1	18	12
Week 2	17	9

Step 1: First, we need to find out how many games Eli played and how many games Luke played.

Eli played _____ games Luke played _____ games

Step 2: Now, we can find the difference between Eli's total and Luke's total.

Difference _____

Answer: Eli played _____ more videogames than Luke.

188. Mrs. Robbins' 3rd grade class had bring your pet to school day. All 23 students brought a pet. There were 4 turtles, 2 puppies, 4 cats, 6 pet rocks, and the rest were fish. How many fish were brought to school that day?

Name:

Patterns

Classwork

189. Identify the rule in the tables below, then complete the boxes.

Rule: _____

4	8
5	9
	11
12	
13	17

Rule: _____

20	15
17	12
33	
	25
12	

190. Continue the pattern below:

3, 9, 15, 21, _____, _____, _____

191. Sammy was counting up by 10's starting at 16. He said, "16, 26, 36, 46, 56, 66..." What number would he say next? _____

192. Make up a challenging pattern in the space below. See if a classmate can solve it.

_____, _____, _____, _____, _____

Patterns

Homework

193. Identify the rule in the tables below, then complete the boxes.

Rule: _____

16	
20	23
33	
13	16
1	

Rule: _____

20	16
17	13
33	
	25
12	

194. Continue the pattern below:

2, 5, 7, 10, 12, 15, _____, _____, _____

Explain the pattern: _____

195. Sammy was counting up by 100's starting at 33. He said, "33, 133, 233, 333..." What number would he reach after saying 933? _____

196. Make up a challenging pattern in the space below. See if a family member can solve it.

_____, _____, _____, _____, _____

Name_____

Place Value Unit Review

Multiple Choice – Circle the letter to the correct answer.

- 1) There are 4,980 students at the zoo. What is the value of the digit 8 in this number?
 - a. 8,000
 - b. 8
 - c. 800
 - d. 80
- 2) The Healthy Harvest Farm Company sold 986 ears of corn and 157 watermelons. How many more ears of corn were sold than watermelons?
 - a. 729 more ears of corn
 - b. 829 more ears of corn
 - c. 828 more ears of corn
 - d. 728 more ears of corn
- 3) Marty took 214 apples and 145 pears to the picnic. How many pieces of fruit did Marty take in all?
 - a. 69 pieces of fruit
 - b. 349 pieces of fruit
 - c. 359 pieces of fruit
 - d. 79 pieces of fruit
- 4) There are 825 different types of trees in the rainforest. What is the value of the underlined digit in this number?

825

- a. 800
- b. 80
- c. 8,000
- d. 8

- 5) There are 1,497 students involved in sports. What is the value of the digit 4 in this number?
- a. 4,000
 - b. 4
 - c. 400
 - d. 40
- 6) Students who play sports stay after school for 156 days in a calendar year. Students who do not play sports stay after school for 34 days in a calendar year. How many more days do the students who play sports stay after school in a calendar year?
- a. 190 days
 - b. 122 days
 - c. 132 days
 - d. 22 days
- 7) Frank's French Fry Stand sold 1,586 large fries on a Saturday night. Round the total amount of large fries sold to the nearest hundred.
- a. 1,590
 - b. 1,600
 - c. 1,580
 - d. 600
- 8) There are 691 students in the Wayside Elementary School. Round the total amount of students in the school to the nearest ten.
- a. 700
 - b. 600
 - c. 790
 - d. 690

- 9) The Cape May Zoo manager is planning for school visits. The table shows the number of students visiting the zoo each day.

School Field Trips

Day	Number of Students
Monday	346
Tuesday	518
Wednesday	449
Thursday	608

How many more students will visit the zoo on Thursday than on Monday?

- a. 954 students
 - b. 252 students
 - c. 262 students
 - d. 854 students
- 10) Study Island received 768 visitors to their site on September 1. On October 1, there were 853 visitors. How many people visited the Study Island website on the first of the month in September and October?
- a. 1,621 visitors
 - b. 1,721 visitors
 - c. 115 visitors
 - d. 95 visitors
- 11) Dan and Tara are running in a race. Dan's time is 76 seconds less than Tara's. Tara's time is 1,260 seconds. Which is the best estimate for Dan's time?
- a. 1,100 seconds
 - b. 1,200 seconds
 - c. 1,000 seconds
 - d. 1,330 seconds

12) Solve for x.

$$x - 125 = 267$$

- a. 142
- b. 162
- c. 242
- d. 392

13) There are 45 cookies in the jar. If 25 more cookies are added to the jar, how many cookies will there be in all?

- a. 65 cookies
- b. 75 cookies
- c. 20 cookies
- d. 70 cookies

14) Jennifer bought 72 cupcakes for the party. She bought 24 vanilla cupcakes, 16 fudge cupcakes and the rest were strawberry. How many strawberry cupcakes did she purchase?

- a. 40 strawberry cupcakes
- b. 32 strawberry cupcakes
- c. 42 strawberry cupcakes
- d. 30 strawberry cupcakes

15) Mark has 88 baseball cards in his collection. Jan has 34 cards in her collection. What is a reasonable estimate for the number of baseball cards they have altogether?

- a. 120 baseball cards
- b. 110 baseball cards
- c. 130 baseball cards
- d. 30 baseball cards

Short Answer – Write the answer on the line.

16) What are the next three players' numbers on the boys' basketball team jerseys?

2, 5, 9, 14, 20, 27, _____, _____, _____

17) The table shows the number of visitors to Annie's Apple farm. What is the best estimate of the total number of visitors to the farm on the two busiest days? _____

Annie's Apple Farm

Day	Number of Visitors
Saturday	243
Sunday	345
Tuesday	341
Wednesday	520
Thursday	441
Friday	601

18) Identify the pattern and complete the table below. Pattern: _____

6	14
12	_____
18	26
_____	32
_____	_____

19) Will is counting by 30's. What is the number that Will would say after 120?


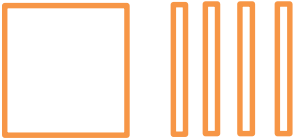
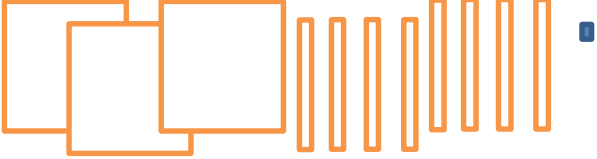
20) Mary biked a total of 168 miles in two days. She biked 75 miles on the first day. How many miles did she bike on the second day?

21) Fill in the missing numbers in the list below.

0, _____, 30, 45, _____, 75



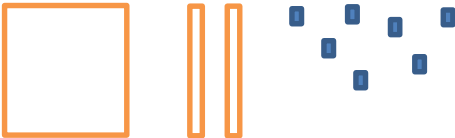
Answers to Classwork and Homework

1)

Number	Base Ten Block Drawing
246	
140	
381	

- 2) 4
- 3) 2
- 4) 8
- 5) 800
- 6) 90
- 7) 899

8)

Number	Base Ten Block Drawing
273	
230	
127	

9) 8

10) 1

11) 0

12) 900

13) 20

14) 912

15) Six hundred seventy nine; $600 + 70 + 9$

16) 416

17) It should be 504. Jake wrote five hundred forty.

18) 246, 264, 426, 462, 624, 642; six hundred forty two; $200 + 40 + 6$

19) Four hundred twenty six; $400 + 20 + 6$

20) 950

21) The answer should be 602. 620 is six hundred twenty.

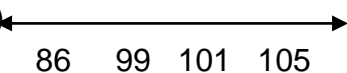
22) 135, 153, 351, 315, 513, 531; five hundred thirty one; $100 + 30 + 5$

23) 13,045

24) 12,976

25) 13,045

26) a. < b. > c. < d. >

27) 

28) The 1 is in the thousands place, the 9 is in the hundreds place.

29) 9410, 0149 or 1049 if not using zero as front number (doesn't appear), 9140

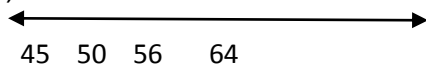
30) 4,109

31) 6,490

32) 4109

33) A. < B. > c. > d. <

34)



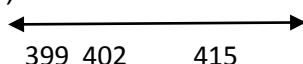
35) The 1 is in the hundreds place. The 8 is in the tens place.

36) 058 or 508 if not using zero as front number (doesn't appear), 850, 580,

37) 450, 436, 427

38) 321, 345, 358

39)

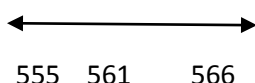


40) It should be 220, 250, 330, Lexi focused on tens place instead of hundreds

41) 337, 340, 356

42) 788, 785, 771

43)

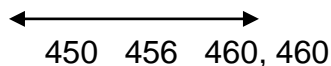


44) It should be 345, 256, 243, he focused on tens place instead of hundreds

45) 50

46) 640, 600

47)

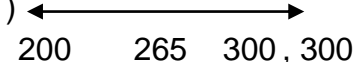


48) i, j

49) 60

50) 790, 800

51)



52) n, o

53) 12; 12; Commutative

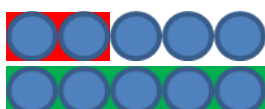
54) 23; 23; Identity

55) 16; 16; Associative

56) $(8 + 9) + 2 = 19$

$8 + (9 + 2) = 19$

57) 10



58) 8; 8; Commutative

59) 24; 24; Identity

60) 18; 18; Associative

61) $(4 + 9) + 3 = 16$; $4 + (9 + 3) = 16$

62) 8



$$4 + 3 + 1 = 8$$

63) A. $8 + 8$ B. $10 + 10$

64) 10

65) 7

66) 0, 7

67) 4 $9 - 5 = 4$, 1 $9 - 8 = 1$

68) $11 + 11$ $5 + 5$

69) 0

70) 2

71) 11, 7

72) 4 $10 - 6 = 4$

1 $19 - 18 = 1$

73) A. 100

B. 175

C. 700

D. 900

74) It's fast

75) You round incorrectly

76) A. I rounded 56 to 60 and 45 to 40, since I rounded up on the first one. I felt this would give a more accurate answer.

77) A. 140

B. 150

C. 1000

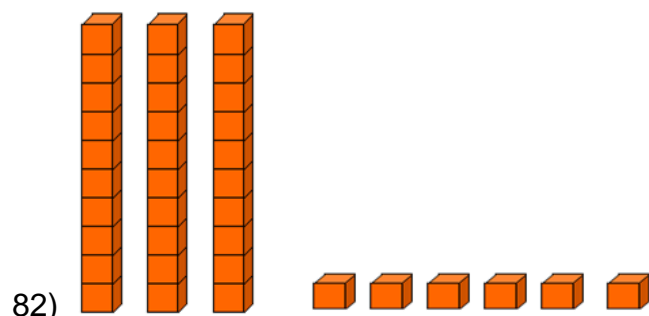
D. 315

78) How many people would come to the party?

79) Round 407 to the nearest hundred and 81 to the nearest 10.

80) B; 146 rounds to 150 and 58 rounds to 60. $150 + 60 = 210$

81) Answers vary



83) 131

84) 105

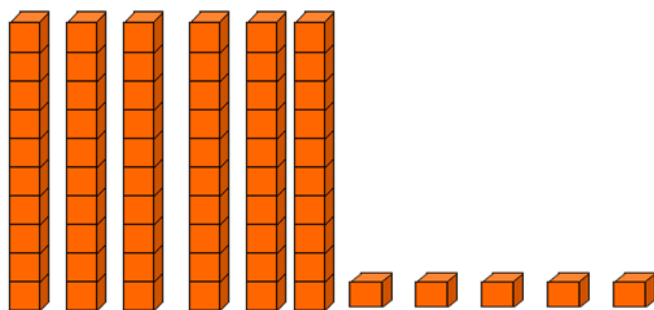
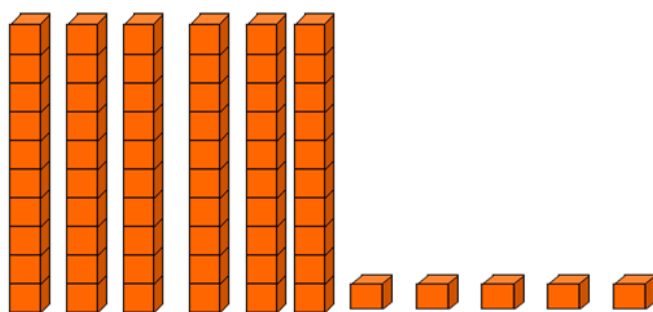
85) 76

86) 132

87) 168

88) Yes, Answers vary

89)



90) 139

91) 104

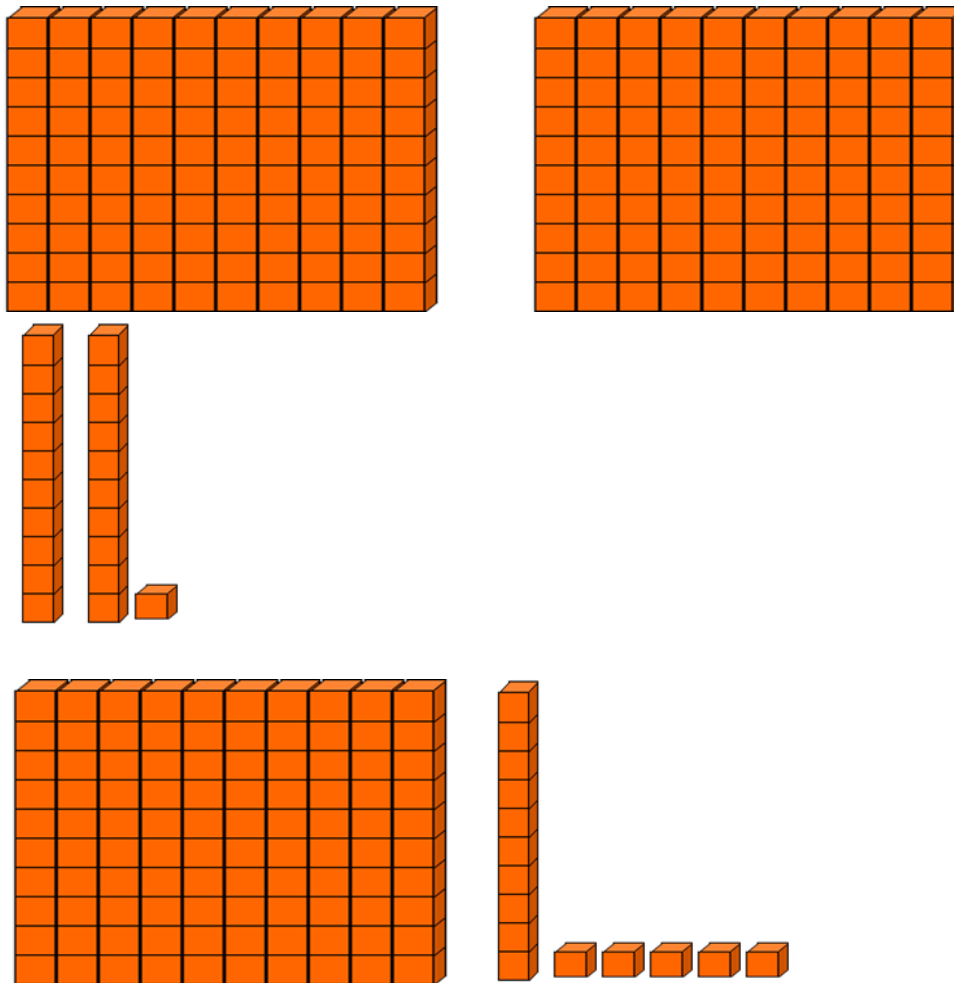
92) 70

93) 92

94) 161

95) Answers Vary

96)



97) 1041

98) 1525

99) 1066

100) 1332

101) 518

102) $400 + 100 + 30 + 30 + 8 + 4$

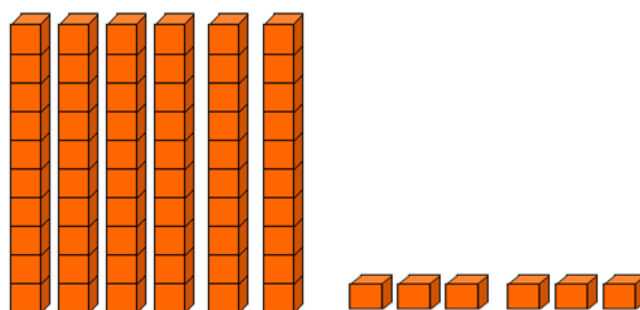
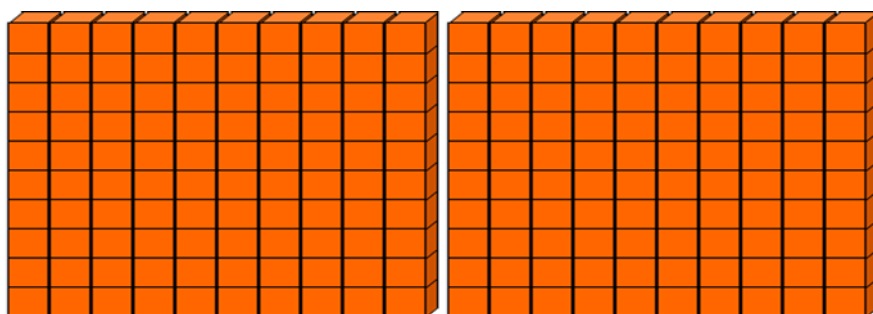
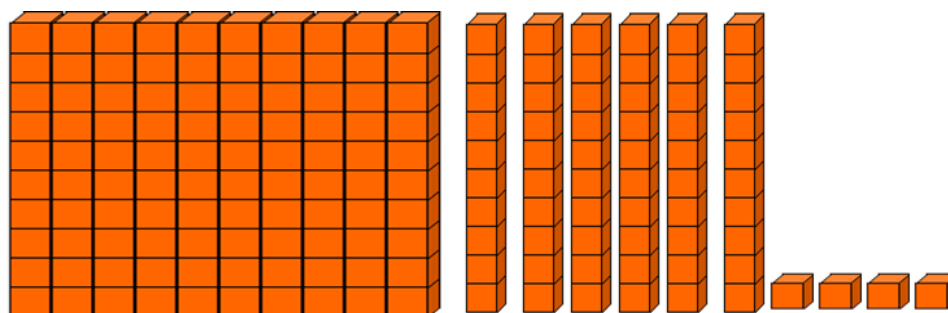
103) 572

104) $800 + 700 + 20 + 80 + 3 + 6$

105) 1,609

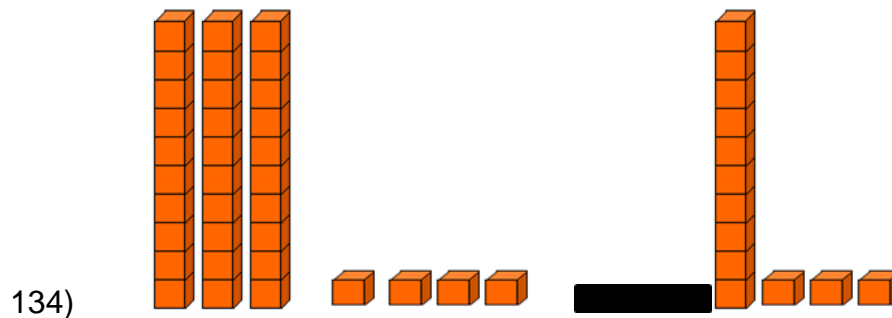
106) Yes, answers vary

107)

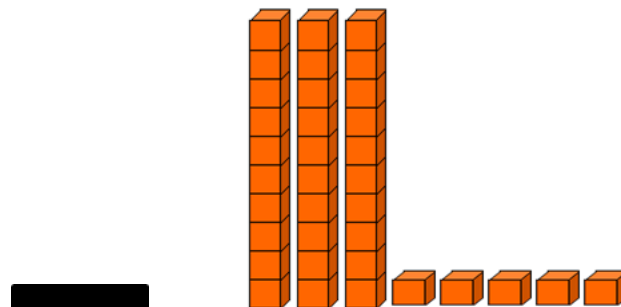
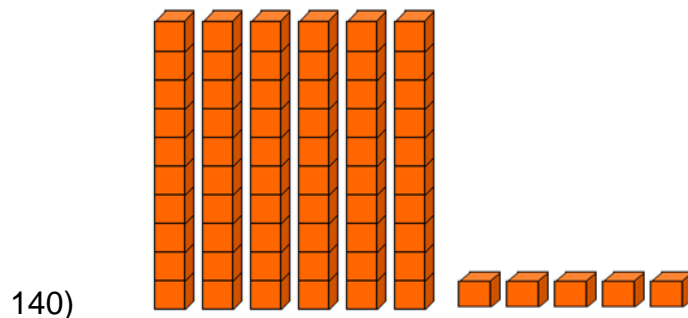


- 108) 1239
 109) 634
 110) 670
 111) 1332
 112) 691
 113) $400+700+60+50+8+4$
 114) 1,222
 115) $200+900+80+50+3+6$
 116) 1,239
 117) $54+64=118$
 118) $25 + 13 = 38$
 119) $36; 12 + 12 + 12 = 36$
 120) B; $425 + 425 = 850$
 121) $39 + 29 = 68$
 122) $365 + 366 = 731$

- 123) $745 + 289 = 1034$
 124) D; $51 \times 4 = 204$
 125) A. 70 B. 10 C. 600 D. 850
 126) Answers vary
 127) You round incorrectly
 128) C; $150 - 20 = 130$
 129) A. 40 B. 90 C. 900 D. 280
 130) Answers Vary
 131) Round 407 to 400 and 81 to 80; $400 - 80 = 320$
 132) B; $150 - 80 = 70$
 133) Answers vary

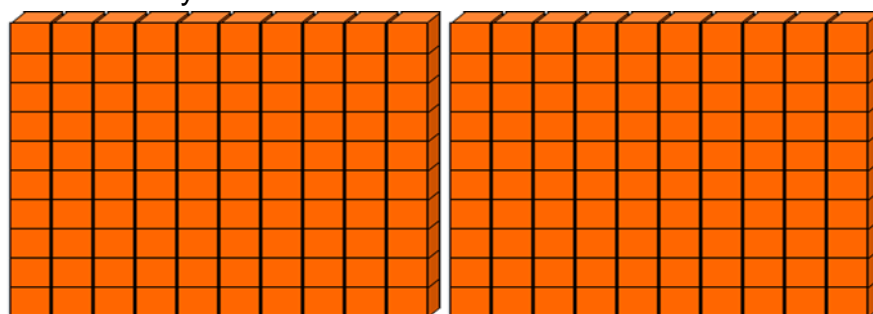


- 135) 22
 136) 20
 137) 51
 138) 54
 139) 19

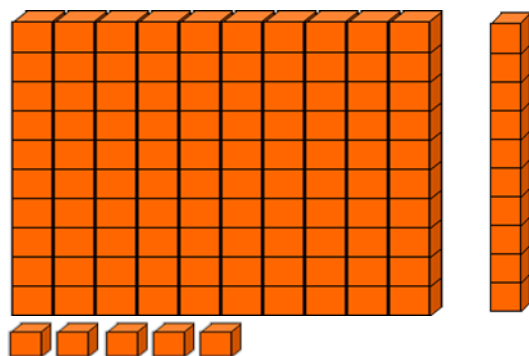
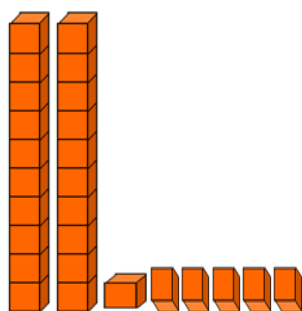


- 141) 33

- 142) 26
 143) 18
 144) 72
 145) 9
 146) Answers vary

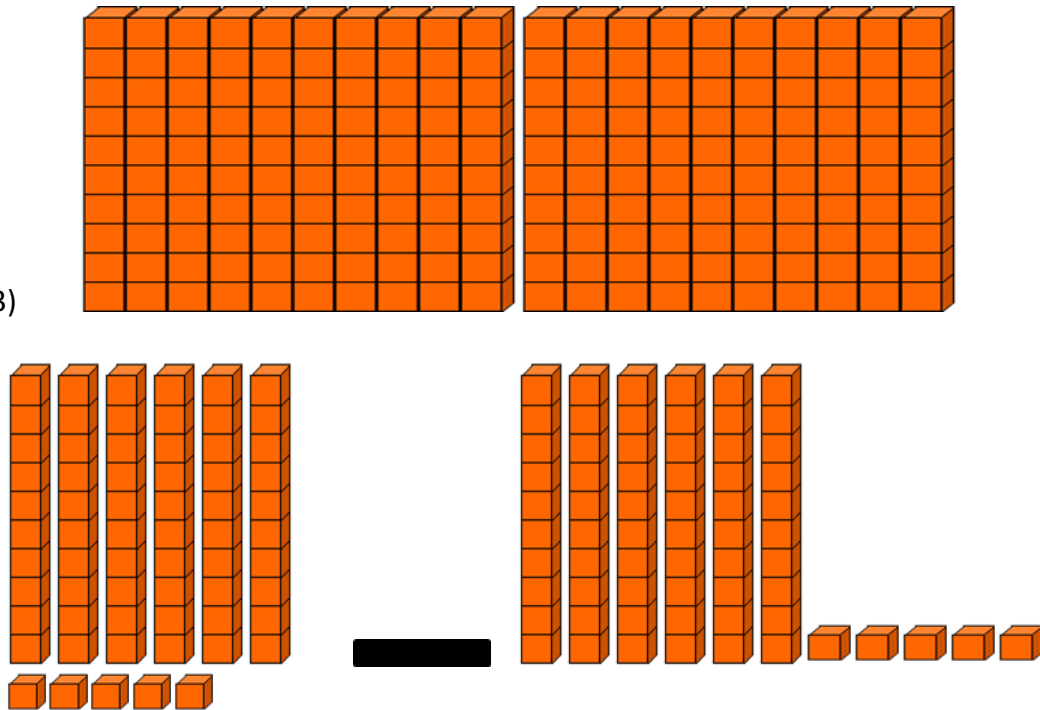


147)



- 148) 327
 149) 437
 150) 76
 151) 164
 152) 180

153)



- 154) 33
 155) 256
 156) 78
 157) 354
 158) \$219
 159) No, $700 - 156 = 544$
 160) 39
 161) 129
 162) 172
 163) 375
 164) 44 sec
 165) No, $600 - 289 = 311$
 166) 128
 167) 118
 168) 261
 169) 369
 170) 306
 171) Answers vary
 172) $22 + 11 = 33$; $31 - 22 = 9$
 173) $142 + 72 = 214$; $73 + 21 = 94$; $325 + 20 = 345$; $95 + 54 = 149$
 174) The prospective answer and the number subtracted from the larger one

- 175) $111 + 33 = 144$; $142 - 33 = 109$
 176) $73 + 32 = 105$; $437 + 19 = 456$; $106 + 145 = 251$; $78 + 9 = 87$
 177) 220 ; $895 - 675 = 220$
 178) $456 - 345 = 111$
 179) $1002 - 787 = 215$
 180) $112 - 86 = 26$

C

- 181) $1399 - 599 = 800$
 182) $245 - 147 = 98$
 183) $134 - 125 = 9$
 184) $173 - 145 = 28$; c
 185) 36, 25, 11
 186) 7
 187) 35, 21, 14
 188) 7
 189) +4, 7, 16 -5, 28, 30, 7
 190) 27, 33, 39
 191) 76
 192) Answers Vary
 193) +3, 19, 36, 4 -4, 29, 29, 8
 194) 17, 20, 22 (Pattern is +3, +2, +3, +2)
 195) 1,033
 196) Answers Vary

Unit Review

- | | |
|------|---------------|
| 1. D | 10.A |
| 2. B | 11.B |
| 3. C | 12.D |
| 4. A | 13.D |
| 5. C | 14.B |
| 6. B | 15.A |
| 7. B | 16.35, 44, 54 |
| 8. D | 17.1100 |
| 9. C | |
| 18. | |

6	14
12	<u> 20 </u>
18	26

24 __	32
_ 30 _	__ 38 _

19. 150

20. 93

21. 15, 60