

NAME _____

DATE _____

Numbers & Clocks

1 Read each number. Then write it in expanded form.

example one hundred thirty-eight $138 = 100 + 30 + 8$	a three hundred forty-two $342 = \underline{\hspace{2cm}}$	b two hundred seventy-three $273 = \underline{\hspace{2cm}}$
c two hundred twenty-nine $229 = \underline{\hspace{2cm}}$	d four hundred sixty-one $461 = \underline{\hspace{2cm}}$	e six hundred eighteen $618 = \underline{\hspace{2cm}}$
f one hundred fifty-seven $\underline{\hspace{2cm}} = \underline{\hspace{2cm}}$	g nine hundred ninety-nine $\underline{\hspace{2cm}} = \underline{\hspace{2cm}}$	h eight hundred thirty-five $\underline{\hspace{2cm}} = \underline{\hspace{2cm}}$





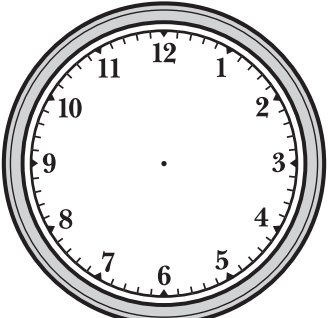
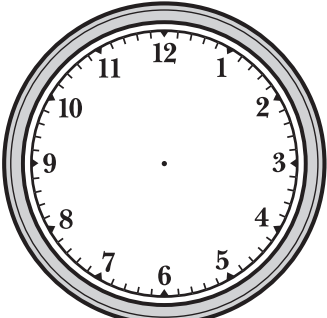
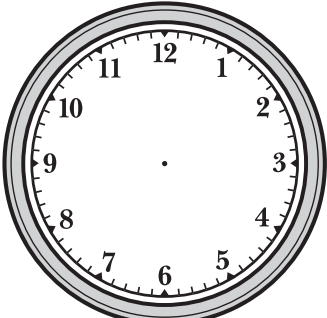
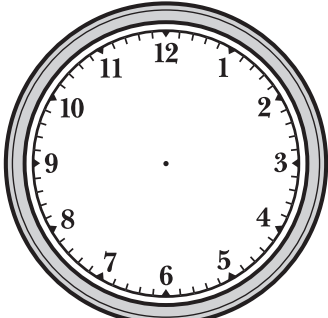
2 Write the numbers in the box in order on the lines from least to greatest.

138	342	273	229	461	618
-----	-----	-----	-----	-----	-----

least

greatest

3 Read each of these digital clocks and show the time on the clock face.

a 	b 	c 	d 
			

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Sam's Hot Dog Stand

1 Sam has a hot dog stand at the mall. The chart below shows how many hot dogs he sold last week. Use the chart to help answer the questions below.

a Which day did Sam sell the most hot dogs?

b Which day did Sam sell the fewest hot dogs?

c How many hot dogs did Sam sell on Tuesday and Wednesday put together? Show your work.

Hot Dogs Sold	
Day	Number of Hot Dogs
Monday	119
Tuesday	125
Wednesday	163
Thursday	108
Friday	234
Saturday	345
Sunday	325

2 Use one of the signs below to compare the number of hot dogs Sam sold on different days.

< less than

= the same as

> greater than

ex 125 $<$ 345	a 325 _____ 108	b 108 _____ 119
c 234 _____ 164	d 163 _____ 345	e 325 _____ 234

3 Put the numbers from the chart (in problem 1) in order from least to greatest on the lines below.

_____, _____, _____, _____, _____, _____, _____
 least greatest



CHALLENGE

4 How many hot dogs did Sam sell altogether? Show your work.



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Which Makes the Most Sense?

1 For each problem below, circle the estimate you think is best. On the last two, explain *why* you chose the estimate you did. *Hint: Make your own pictures to help.*

Problem & Picture	Estimate	Problem & Picture	Estimate
a $\begin{array}{r} 35 \\ + 26 \\ \hline \end{array}$	50 60 70	b $\begin{array}{r} 24 \\ + 24 \\ \hline \end{array}$	30 40 50
c $\begin{array}{r} 49 \\ + 39 \\ \hline \end{array}$	70 80 90	d $\begin{array}{r} 37 \\ + 24 \\ \hline \end{array}$	50 60 70
Why?		Why?	

2 For each problem below, circle the estimate you think is best. On the last two, explain *why* you chose the estimate you did. *Hint: Make your own pictures to help.*

Problem & Picture	Estimate	Problem & Picture	Estimate
a $\begin{array}{r} 45 \\ - 29 \\ \hline \end{array}$	15 20 25	b $\begin{array}{r} 52 \\ - 18 \\ \hline \end{array}$	30 40 50
c $\begin{array}{r} 50 \\ - 24 \\ \hline \end{array}$	25 30 35	d $\begin{array}{r} 60 \\ - 29 \\ \hline \end{array}$	30 40 50
Why?		Why?	

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Adding & Subtracting Practice

1 Add.

$$\begin{array}{r} 9 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 10 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ + 10 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 20 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 40 \\ + 12 \\ \hline \end{array}$$

$$\begin{array}{r} 30 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 60 \\ + 15 \\ \hline \end{array}$$

$$\begin{array}{r} 30 \\ + 17 \\ \hline \end{array}$$

$$\begin{array}{r} 90 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 80 \\ + 14 \\ \hline \end{array}$$

$$\begin{array}{r} 20 \\ + 29 \\ \hline \end{array}$$

$$\begin{array}{r} 32 \\ + 20 \\ \hline \end{array}$$

$$\begin{array}{r} 58 \\ + 30 \\ \hline \end{array}$$

$$\begin{array}{r} 62 \\ + 20 \\ \hline \end{array}$$

$$\begin{array}{r} 40 \\ + 39 \\ \hline \end{array}$$

$$\begin{array}{r} 70 \\ + 23 \\ \hline \end{array}$$

$$\begin{array}{r} 75 \\ + 10 \\ \hline \end{array}$$

2 Subtract.

$$\begin{array}{r} 16 \\ - 10 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ - 10 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 18 \\ - 10 \\ \hline \end{array}$$

$$\begin{array}{r} 18 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 20 \\ - 10 \\ \hline \end{array}$$

$$\begin{array}{r} 50 \\ - 10 \\ \hline \end{array}$$

$$\begin{array}{r} 40 \\ - 20 \\ \hline \end{array}$$

$$\begin{array}{r} 30 \\ - 10 \\ \hline \end{array}$$

$$\begin{array}{r} 60 \\ - 40 \\ \hline \end{array}$$

$$\begin{array}{r} 70 \\ - 30 \\ \hline \end{array}$$

$$\begin{array}{r} 90 \\ - 40 \\ \hline \end{array}$$

$$\begin{array}{r} 80 \\ - 60 \\ \hline \end{array}$$

$$\begin{array}{r} 26 \\ - 10 \\ \hline \end{array}$$

$$\begin{array}{r} 35 \\ - 10 \\ \hline \end{array}$$

$$\begin{array}{r} 78 \\ - 20 \\ \hline \end{array}$$

$$\begin{array}{r} 64 \\ - 30 \\ \hline \end{array}$$

$$\begin{array}{r} 55 \\ - 40 \\ \hline \end{array}$$

$$\begin{array}{r} 38 \\ - 20 \\ \hline \end{array}$$

$$\begin{array}{r} 58 \\ - 20 \\ \hline \end{array}$$

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2-Digit Addition Practice

1 Add. Use the pictures of base ten pieces to help.

<p>a</p> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;"> <table style="border-collapse: collapse; margin-bottom: 10px;"> <tr><td style="border: 1px solid black; width: 20px; height: 15px;"></td><td style="border: 1px solid black; width: 20px; height: 15px;"></td><td style="border: 1px solid black; width: 20px; height: 15px;"></td><td style="border: 1px solid black; width: 20px; height: 15px;"></td><td style="border: 1px solid black; width: 20px; height: 15px;"></td><td style="border: 1px solid black; width: 20px; height: 15px;"></td><td style="border: 1px solid black; width: 20px; height: 15px;"></td><td style="border: 1px solid black; width: 20px; height: 15px;"></td><td style="border: 1px solid black; width: 20px; height: 15px;"></td><td style="border: 1px solid black; width: 20px; height: 15px;"></td><td style="border: 1px solid black; width: 20px; height: 15px;"></td><td style="border: 1px solid black; width: 20px; height: 15px;"></td></tr> <tr><td style="border: 1px solid black; width: 20px; height: 15px;"></td><td style="border: 1px solid black; width: 20px; height: 15px;"></td><td style="border: 1px solid black; width: 20px; height: 15px;"></td><td style="border: 1px solid black; width: 20px; height: 15px;"></td><td style="border: 1px solid black; width: 20px; height: 15px;"></td><td style="border: 1px solid black; width: 20px; height: 15px;"></td><td style="border: 1px solid black; width: 20px; height: 15px;"></td><td style="border: 1px solid black; width: 20px; height: 15px;"></td><td style="border: 1px solid black; width: 20px; height: 15px;"></td><td style="border: 1px solid black; width: 20px; height: 15px;"></td><td style="border: 1px solid black; width: 20px; height: 15px;"></td><td style="border: 1px solid black; width: 20px; height: 15px;"></td></tr> </table> </div> <div style="text-align: center;"> $\begin{array}{r} 17 \\ + 25 \\ \hline \end{array}$ </div> </div>																									<p>b</p> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;"> <table style="border-collapse: collapse; margin-bottom: 10px;"> <tr><td style="border: 1px solid black; width: 20px; height: 15px;"></td><td style="border: 1px solid black; width: 20px; height: 15px;"></td><td style="border: 1px solid black; width: 20px; height: 15px;"></td><td style="border: 1px solid black; width: 20px; height: 15px;"></td><td style="border: 1px solid black; width: 20px; height: 15px;"></td><td style="border: 1px solid black; width: 20px; height: 15px;"></td><td style="border: 1px solid black; width: 20px; height: 15px;"></td><td style="border: 1px solid black; width: 20px; height: 15px;"></td><td style="border: 1px solid black; width: 20px; height: 15px;"></td><td style="border: 1px solid black; width: 20px; height: 15px;"></td><td style="border: 1px solid black; width: 20px; height: 15px;"></td><td style="border: 1px solid black; width: 20px; height: 15px;"></td></tr> <tr><td style="border: 1px solid black; width: 20px; height: 15px;"></td><td style="border: 1px solid black; width: 20px; height: 15px;"></td><td style="border: 1px solid black; width: 20px; height: 15px;"></td><td style="border: 1px solid black; width: 20px; height: 15px;"></td><td style="border: 1px solid black; width: 20px; height: 15px;"></td><td style="border: 1px solid black; width: 20px; height: 15px;"></td><td style="border: 1px solid black; width: 20px; height: 15px;"></td><td style="border: 1px solid black; width: 20px; height: 15px;"></td><td style="border: 1px solid black; width: 20px; height: 15px;"></td><td style="border: 1px solid black; width: 20px; height: 15px;"></td><td style="border: 1px solid black; width: 20px; height: 15px;"></td><td style="border: 1px solid black; width: 20px; height: 15px;"></td></tr> </table> </div> <div style="text-align: center;"> $\begin{array}{r} 24 \\ + 36 \\ \hline \end{array}$ </div> </div>																								

2 Add the numbers.

21 + 8 = _____ 42 + 7 = _____ 32 + 16 = _____ 24 + 13 = _____

3 Use Pencil Puppy's strategy for adding 2-digit numbers. Remember, she adds the tens first. Then she adds the ones. Then she finds the total.



<p>example</p> <table style="margin-left: auto; margin-right: auto;"> <tr><td style="border: 1px solid black; padding: 5px;">Tens</td><td style="border: 1px solid black; padding: 5px;">Ones</td></tr> <tr><td style="border: 1px solid black; text-align: center; padding: 10px;">3</td><td style="border: 1px solid black; text-align: center; padding: 10px;">7</td></tr> <tr><td style="border: 1px solid black; text-align: center; padding: 10px;">+</td><td style="border: 1px solid black; text-align: center; padding: 10px;">3</td></tr> <tr><td style="border: 1px solid black; text-align: center; padding: 10px;">3</td><td style="border: 1px solid black; text-align: center; padding: 10px;">4</td></tr> </table> <p style="text-align: center; margin-top: 10px;">$60 + 11 = 71$</p>	Tens	Ones	3	7	+	3	3	4	<p>a</p> <table style="margin-left: auto; margin-right: auto;"> <tr><td style="border: 1px solid black; padding: 5px;">Tens</td><td style="border: 1px solid black; padding: 5px;">Ones</td></tr> <tr><td style="border: 1px solid black; text-align: center; padding: 10px;">3</td><td style="border: 1px solid black; text-align: center; padding: 10px;">5</td></tr> <tr><td style="border: 1px solid black; text-align: center; padding: 10px;">+</td><td style="border: 1px solid black; text-align: center; padding: 10px;">2</td></tr> <tr><td style="border: 1px solid black; text-align: center; padding: 10px;">2</td><td style="border: 1px solid black; text-align: center; padding: 10px;">8</td></tr> </table> <p style="text-align: center; margin-top: 10px;">_____ + _____ = _____</p>	Tens	Ones	3	5	+	2	2	8	<p>b</p> <table style="margin-left: auto; margin-right: auto;"> <tr><td style="border: 1px solid black; padding: 5px;">Tens</td><td style="border: 1px solid black; padding: 5px;">Ones</td></tr> <tr><td style="border: 1px solid black; text-align: center; padding: 10px;">6</td><td style="border: 1px solid black; text-align: center; padding: 10px;">3</td></tr> <tr><td style="border: 1px solid black; text-align: center; padding: 10px;">+</td><td style="border: 1px solid black; text-align: center; padding: 10px;">2</td></tr> <tr><td style="border: 1px solid black; text-align: center; padding: 10px;">2</td><td style="border: 1px solid black; text-align: center; padding: 10px;">8</td></tr> </table> <p style="text-align: center; margin-top: 10px;">_____ + _____ = _____</p>	Tens	Ones	6	3	+	2	2	8	<p>c</p> <table style="margin-left: auto; margin-right: auto;"> <tr><td style="border: 1px solid black; padding: 5px;">Tens</td><td style="border: 1px solid black; padding: 5px;">Ones</td></tr> <tr><td style="border: 1px solid black; text-align: center; padding: 10px;">4</td><td style="border: 1px solid black; text-align: center; padding: 10px;">4</td></tr> <tr><td style="border: 1px solid black; text-align: center; padding: 10px;">+</td><td style="border: 1px solid black; text-align: center; padding: 10px;">2</td></tr> <tr><td style="border: 1px solid black; text-align: center; padding: 10px;">2</td><td style="border: 1px solid black; text-align: center; padding: 10px;">9</td></tr> </table> <p style="text-align: center; margin-top: 10px;">_____ + _____ = _____</p>	Tens	Ones	4	4	+	2	2	9	<p>d</p> <table style="margin-left: auto; margin-right: auto;"> <tr><td style="border: 1px solid black; padding: 5px;">Tens</td><td style="border: 1px solid black; padding: 5px;">Ones</td></tr> <tr><td style="border: 1px solid black; text-align: center; padding: 10px;">4</td><td style="border: 1px solid black; text-align: center; padding: 10px;">5</td></tr> <tr><td style="border: 1px solid black; text-align: center; padding: 10px;">+</td><td style="border: 1px solid black; text-align: center; padding: 10px;">5</td></tr> <tr><td style="border: 1px solid black; text-align: center; padding: 10px;">5</td><td style="border: 1px solid black; text-align: center; padding: 10px;">2</td></tr> </table> <p style="text-align: center; margin-top: 10px;">_____ + _____ = _____</p>	Tens	Ones	4	5	+	5	5	2	<p>e</p> <table style="margin-left: auto; margin-right: auto;"> <tr><td style="border: 1px solid black; padding: 5px;">Tens</td><td style="border: 1px solid black; padding: 5px;">Ones</td></tr> <tr><td style="border: 1px solid black; text-align: center; padding: 10px;">2</td><td style="border: 1px solid black; text-align: center; padding: 10px;">8</td></tr> <tr><td style="border: 1px solid black; text-align: center; padding: 10px;">+</td><td style="border: 1px solid black; text-align: center; padding: 10px;">3</td></tr> <tr><td style="border: 1px solid black; text-align: center; padding: 10px;">3</td><td style="border: 1px solid black; text-align: center; padding: 10px;">9</td></tr> </table> <p style="text-align: center; margin-top: 10px;">_____ + _____ = _____</p>	Tens	Ones	2	8	+	3	3	9
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