

Lesson 57	Name	Date	Homework
<p>Calculating elapsed time (hours) involving AM and PM</p> <p>AM (ante meridiem) is the label for time from 12 midnight up to, but not including, 12 noon. 8:05 AM is in the morning. PM (post meridiem) is the label for time from 12 noon up to, but not including, 12 midnight. 8:05 PM is in the evening.</p>			<p>How many fourths are there in 3 wholes? A 26</p> <p>$2 \times 3 = 6$</p> <p>3 yards = <u>6</u> feet</p> <p>$3 \times 4 = 12$</p> <p><u>12 fourths</u></p> <p>$6 \times N = 4 \times 12$ $N = 8$</p>
<p>① It is 11 AM. What time will it be in 3 hours?</p> <p>Write an 11 and then the next three hours on the clock. The third hour will be the time it will be in three hours. When the hour changes across the 12, the label (AM or PM) will also change.</p>			<p>$12 \times 3 = 36$</p> <p>$12 \times 4 = 48$</p> <p>$12 \times 8 = 96$</p>
<p>② It is 1 AM. What time was it 3 hours ago?</p> <p>Write a 1 and then the previous three hours on the clock. The third hour will be the time it was three hours ago.</p>			<p>102 r4</p> <p>24 r2</p> <p>36</p> <p>+ 42 r2</p> <p>102 r4</p>
<p>③ It is 9 PM. In 4 hours it will be <u>1 AM</u>.</p> <p>④ It is 2 AM. 3 hours ago it was <u>11 PM</u>.</p> <p>⑤ It is 8 AM. In 5 hours it will be <u>1 PM</u>.</p> <p>It is 5 PM. What time will it be in 12 hours? Explain your answer. <u>5 AM</u></p> <p><u>After 12 hours the hour is the same. Only the label changes.</u></p> <p>It is 7 AM. What time will it be in 24 hours? Explain your answer. <u>7 AM</u></p> <p><u>After 24 hours the hour is the same, as well as the label.</u></p>			<p>Richard can buy caps in packages of three. Which set shows the number of caps he could buy? (495, 489, 483, 477) C 105</p> <p>counting down by <u>6</u></p> <p>⑦ (12, 18, 21, 27)</p> <p>8. (1, 3, 9, 15)</p> <p>9. (4, 7, 10, 13)</p> <p>Guy is ninety-third in line.</p> <p><u>92</u> people are ahead of him.</p>
<p>It is 5 AM. 7 hours ago it was <u>10 PM</u>.</p> <p>It is 10 PM. In 4 hours it will be <u>2 AM</u>.</p>			<p>There are 4 cities on a map. Tob is south of Izmir. Doha is south of Tob. Lome is between Doha and Tob. Which city is the most south?</p> <p>6. Tob 7. Izmir</p> <p>⑧ Doha 9. Lome</p> <p>A cube has <u>8</u> vertices.</p> <p>Paco has 14 buttons. One-half of them are red. How many red buttons does he have?</p> <p>$14 \div 2 = 7$</p> <p><u>7 red buttons</u></p>

Guided Practice 57	Name		
<p>Round to the nearest whole dollar. A \$62.28</p> <p>\$16.45 <u>\$16.00</u></p> <p>\$8.98 <u>\$9.00</u></p> <p>$\\$2.16 \times 6 =$</p> <p>$\begin{array}{r} 2.16 \\ \times 6 \\ \hline 12.96 \end{array}$</p> <p>$8 \times \\$3.04 =$</p> <p>$\begin{array}{r} 3.04 \\ \times 8 \\ \hline 24.32 \end{array}$</p>	<p>It is 11:13 AM. In 4 hours it will be <u>13</u> minutes after <u>3 PM</u>.</p> <p>11 12 1 2 3</p> <p>It is 4:45 AM. 3 hours and 15 minutes ago it was <u>30</u> minutes before <u>2 AM</u>.</p> <p>$4:45 - 3:15 = 1:30$</p> <p>$60 - 30 = 30$</p> <p>1 foot = <u>12</u> inches</p>	<p>B 60</p> <p>13</p> <p>3</p> <p>30</p> <p>2</p> <p>+ 12</p> <p>60</p>	<p>C 12,263</p> <p>26</p> <p>2,473</p> <p>5</p> <p>$4,253 - 2,060 = 2,193$</p> <p>$5,102 - 300 = 4,802$</p> <p>Round to the nearest ten.</p> <p>98 <u>100</u> 253 <u>250</u></p>
<p>(446, 346, 246, 146, <u>46</u>) D 4,054</p> <p>$\begin{array}{r} 84 \\ \times 22 \\ \hline 168 \\ 1680 \\ \hline 1848 \end{array}$</p> <p>$\begin{array}{r} 72 \\ \times 30 \\ \hline 2160 \end{array}$</p> <p>$46 + 2,160 = 2,206$</p> <p>$2,206 + 1,848 = 4,054$</p>	<p>$\begin{array}{r} 80 \\ 5 \overline{) 400} \\ \underline{-400} \\ 0 \end{array}$</p> <p>$\begin{array}{r} 171 \\ 4 \overline{) 684} \\ \underline{-48} \\ 204 \\ \underline{-204} \\ 0 \end{array}$</p> <p>$\begin{array}{r} 68 \\ 2 \overline{) 136} \\ \underline{-12} \\ 16 \\ \underline{-16} \\ 0 \end{array}$</p> <p>80</p> <p>171</p> <p>+ 68</p> <p>319</p>	<p>E 319</p> <p>80</p> <p>171</p> <p>+ 68</p> <p>319</p>	<p>F 9,400</p> <p>Round each number so there is only one non-zero digit.</p> <p>3,904 <u>4,000</u> 2,008 <u>2,000</u></p> <p>Round to the nearest hundred.</p> <p>1,752 <u>1,800</u> 1,648 <u>1,600</u></p> <p>4,000</p> <p>2,000</p> <p>1,800</p> <p>+ 1,600</p> <p>9,400</p>
<p>Shawn earns \$31 a day working part time. Shawn's best estimate for his earnings for working five days is between _____.</p> <p>5. \$12 and \$15</p> <p>⑥ \$140 and \$160 <u>\$30</u></p> <p>$\begin{array}{r} 140 \\ \times 5 \\ \hline 700 \end{array}$</p> <p>7. \$120 and \$150 <u>\$150</u></p> <p>8. \$160 and \$180</p>	<p>Eight paper clips cost 12¢. How many paper clips can be bought for 6¢? G 13</p> <p>8 → 12¢</p> <p>+2 → +2</p> <p>4 → 6¢</p> <p><u>4 paper clips</u></p> <p>What is one-sixth of 18?</p> <p>$18 \div 6 = 3$</p> <p><u>3</u></p>	<p>Which figures do not show a line of symmetry? H 190</p> <p>③</p> <p>5.</p> <p>4.</p> <p>6.</p>	<p>Nineteen people want to go on a canoe trip. Each canoe will hold 3 people. How many canoes will be needed for the whole group to go?</p> <p>$\begin{array}{r} 6 \text{ r1} \\ 3 \overline{) 19} \\ \underline{-18} \\ 1 \end{array}$</p> <p><u>7 canoes</u></p> <p>36</p> <p>$\begin{array}{r} 36 \\ \times 5 \\ \hline 180 \end{array}$</p> <p>5 yards = <u>180</u> inches</p> <p>3</p> <p>7</p> <p>+ 180</p> <p>190</p>