For 1-3, use the table.

<table>
<thead>
<tr>
<th>Tree</th>
<th>Regular Price</th>
<th>Price for 3 or more</th>
<th>Tree</th>
<th>Regular Price</th>
<th>Price for 3 or more</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ivory Silk Lilac</td>
<td>$25</td>
<td>$22</td>
<td>Hazelnut</td>
<td>$9</td>
<td>$8</td>
</tr>
<tr>
<td>White Pine</td>
<td>$40</td>
<td>$37</td>
<td>Red Maple</td>
<td>$9</td>
<td>$8</td>
</tr>
<tr>
<td>Bur Oak</td>
<td>$35</td>
<td>$32</td>
<td>Birch</td>
<td>$9</td>
<td>$8</td>
</tr>
</tbody>
</table>

1. What is the cost of 3 Bur Oak trees? Show your work.

2. Mr. Tan buys 4 White Pine trees and 5 Birch trees. What is the cost of the trees? Show your work and explain how you found the answer.

3. Rudy will buy 3 Ivory Silk Lilac trees or 2 Bur Oak trees. He wants to buy the trees that cost less. What trees will he buy? How much will he save? Show your work.
4. For numbers 4a–4d, select True or False for each equation.

4a. $7 \times 194 = 1,338$ ○ True ○ False
4b. $5 \times 5,126 = 25,630$ ○ True ○ False
4c. $8 \times 367 = 2,926$ ○ True ○ False
4d. $4 \times 3,952 = 15,808$ ○ True ○ False

5. Part A

Draw a line to match each section in the model to the partial product it represents.

\[ \begin{array}{ccc}
& 3 & \\
100 & 40 & 6 \\
\end{array} \]

3 × 6 3 × 100 3 × 40

Part B

Then find $3 \times 146$. Show your work and explain.
6. For numbers 6a–6c, write an equation or a comparison sentence using the numbers on the tiles.

6a.

\[
\begin{array}{cccccccc}
4 & 4 & 4 & 4 & 4 & 4 & 4 & 4 \\
\hline
32
\end{array}
\]

\[
\begin{array}{cccccccc}
3 & 4 & 6 & 8 & 8 \\
\hline
9 & 27 & 32 & 48
\end{array}
\]

\[
\boxed{} \times \boxed{} = \boxed{}
\]

6b.

\[
\begin{array}{cccccccc}
8 & 8 & 8 & 8 & 8 & 8 & 8 \\
\hline
48
\end{array}
\]

\[
\boxed{} \times \boxed{} = \boxed{}
\]

6c. \(9 \times 3 = 27\)

\[
\boxed{} \times \boxed{} = \boxed{}
\]

7. Multiply 7 \(\times\) 43. For 7a–7d, select True or False for each statement.

7a. A reasonable estimate of the product is 280.

- True
- False

7b. Using partial products, the products are 21 and 28.

- True
- False

7c. Using regrouping, 21 ones are regrouped as 1 ten and 2 ones.

- True
- False

7d. The product is 301.

- True
- False

8. It costs 9,328 points to build each apartment building in the computer game Big City Building. What is the cost to build 5 apartment buildings? Show your work.
9. Multiply $7 \times 462$ using place value and expanded form.
Choose the number from the box to complete the expression.

\[
(7 \times \frac{4}{40}) + (7 \times \frac{60}{6}) + (7 \times \frac{20}{200})
\]

10. For numbers 10a–10b, use place value to find the product.

10a. $3 \times 600 = 3 \times \underline{\hspace{1cm}}$ hundreds
    \[= \underline{\hspace{1cm}} 	ext{ hundreds} \]
    \[= \underline{\hspace{1cm}} \]

10b. $5 \times 400 = 5 \times \underline{\hspace{1cm}}$ hundreds
    \[= \underline{\hspace{1cm}} 	ext{ hundreds} \]
    \[= \underline{\hspace{1cm}} \]

11. Liam has 3 boxes of baseball cards with 50 cards in each box.
He also has 5 boxes with 40 basketball cards in each box. If Liam
goes to the store and buys 50 more baseball cards, how many
baseball and basketball cards does Liam have? Show your work.
12. There is a book sale at the library. The price for each book is $4. Which expression can be used to show how much money the library will make if it sells 289 books? Use the numbers on the tiles to complete your answer.

\[(4 \times \underline{\hspace{1cm}}) + (4 \times \underline{\hspace{1cm}}) + (4 \times \underline{\hspace{1cm}})\]

13. Find \(8 \times 397\). Show your work and explain why the strategy you chose works best with the factors.

\[\phantom{8 \times 397}\]

14. A clown bought 6 bags of round balloons with 24 balloons in each bag. The clown also bought 3 bags of long balloons with 36 balloons in each bag.

**Part A**

How many more long balloons than round balloons did the clown buy? Show your work.

\[\phantom{\text{How many more long balloons than round balloons did the clown buy?}}\]

**Part B**

The clown also bought 5 bags of heart-shaped balloons with 14 balloons in each bag. When the clown blew up all of the round, long, and heart-shaped balloons, 23 balloons burst. How many blown-up balloons were left? Explain your answer.

\[\phantom{\text{How many blown-up balloons were left? Explain your answer.}}\]
15. Hector planted 185 flowers in 2 days. There were 5 volunteers, including Hector, who each planted about the same number of flowers. About how many flowers did they plant?

   185
   400
   500
   1,000


17. At the pet fair, Darlene’s dog weighed 5 times as much as Leah’s dog. Together, the dogs weighed 84 pounds. How much did each dog weigh? Complete the bar model. Write an equation and solve.

18. Use the Distributive Property to model the product on the grid. Record the product.

   \[ 4 \times 12 = \]