

تمرین صفحه ۵۱ و ۵۰ ریاضی پایه چهارم

۱- حاصل ضرب را به کمک شکل پیدا کنید و جاهای خالی را پر کنید.

|   |         |         |    |  |   |  |   |   |  |
|---|---------|---------|----|--|---|--|---|---|--|
|   | روش اول | روش دوم |    |  |   |  |   |   |  |
| <table border="1" style="margin: auto;"> <tr><td style="padding: 5px;">۱۰</td><td style="padding: 5px;">۸</td></tr> <tr><td style="padding: 5px;">۱۰</td><td style="padding: 5px;"></td></tr> <tr><td style="padding: 5px;">۳</td><td style="padding: 5px;"></td></tr> </table> | ۱۰      | ۸       | ۱۰ |  | ۳ |  | $\begin{array}{r} 18 \\ \times 13 \\ \hline \end{array}$ <div style="display: flex; align-items: center; justify-content: center;"> <div style="margin-right: 10px;">+</div> <div style="display: flex; flex-direction: column; gap: 5px;"> <div style="border: 1px solid black; padding: 2px 10px;">... × ...</div> <div style="border: 1px solid black; padding: 2px 10px;">... × ...</div> <div style="border: 1px solid black; padding: 2px 10px;">... × ...</div> <div style="border: 1px solid black; padding: 2px 10px;">... × ...</div> </div> <div style="margin-left: 10px; font-size: 2em;">}</div> <div style="margin-left: 10px; border: 1px solid black; padding: 2px 10px;">... × ...</div> <div style="margin-left: 10px; border: 1px solid black; padding: 2px 10px;">... × ...</div> </div> | $\begin{array}{r} 18 \\ \times 13 \\ \hline \end{array}$ <div style="display: flex; align-items: center; justify-content: center;"> <div style="margin-right: 10px;">+</div> <div style="display: flex; flex-direction: column; gap: 5px;"> <div style="border: 1px solid black; padding: 2px 10px;">... × ...</div> <div style="border: 1px solid black; padding: 2px 10px;">... × ...</div> </div> <div style="margin-left: 10px; font-size: 2em;">}</div> <div style="margin-left: 10px; border: 1px solid black; padding: 2px 10px;">... × ...</div> <div style="margin-left: 10px; border: 1px solid black; padding: 2px 10px;">... × ...</div> </div> |  |
| ۱۰  | ۸       |         |    |  |   |  |   |   |  |
| ۱۰  |         |         |    |  |   |  |   |   |  |
| ۳   |         |         |    |  |   |  |   |   |  |

۲- حاصل ضرب ها را به صورت خلاصه بنویسید.

|   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|---|---|---|---|---|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|---|---|---|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|---|---|---|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| <table border="1" style="margin: auto;"> <tr><td></td><td>۱</td><td>۸</td></tr> <tr><td>×</td><td>۱</td><td>۴</td></tr> <tr><td colspan="3" style="border-top: 1px solid black;"></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td colspan="3" style="border-top: 1px solid black;"></td></tr> <tr><td></td><td></td><td></td></tr> </table> <div style="display: flex; justify-content: center; gap: 20px; margin-top: 10px;"> <div style="border: 1px solid black; padding: 5px;">۴ × ۱۸</div> <div style="border: 1px solid black; padding: 5px;">۱ × ۱۸</div> </div> |   | ۱ | ۸ | × | ۱ | ۴ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <table border="1" style="margin: auto;"> <tr><td></td><td>۲</td><td>۵</td></tr> <tr><td>×</td><td>۱</td><td>۴</td></tr> <tr><td colspan="3" style="border-top: 1px solid black;"></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td colspan="3" style="border-top: 1px solid black;"></td></tr> <tr><td></td><td></td><td></td></tr> </table> <div style="display: flex; justify-content: center; gap: 20px; margin-top: 10px;"> <div style="border: 1px solid black; padding: 5px;">۴ × ۲۵</div> <div style="border: 1px solid black; padding: 5px;">۱ × ۲۵</div> </div> |  | ۲ | ۵ | × | ۱ | ۴ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <table border="1" style="margin: auto;"> <tr><td></td><td>۲</td><td>۳</td></tr> <tr><td>×</td><td>۲</td><td>۵</td></tr> <tr><td colspan="3" style="border-top: 1px solid black;"></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td colspan="3" style="border-top: 1px solid black;"></td></tr> <tr><td></td><td></td><td></td></tr> </table> <div style="display: flex; justify-content: center; gap: 20px; margin-top: 10px;"> <div style="border: 1px solid black; padding: 5px;">۵ × ۲۳</div> <div style="border: 1px solid black; padding: 5px;">۲ × ۲۳</div> </div> |  | ۲ | ۳ | × | ۲ | ۵ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   | ۱ | ۸ |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ×   | ۱ | ۴ |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   | ۲ | ۵ |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ×   | ۱ | ۴ |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   | ۲ | ۳ |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ×   | ۲ | ۵ |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

۳- حاصل ضرب های زیر را به دست آورید.

|  |  |  |
|--|--|--|
| $\begin{array}{r} ۲۸ \\ \times ۳۵ \\ \hline \end{array}$ | $\begin{array}{r} ۴۸ \\ \times ۷۵ \\ \hline \end{array}$ | $\begin{array}{r} ۷۸ \\ \times ۷۲ \\ \hline \end{array}$ |
|--|--|--|

۴- مسئله های زیر را حل کنید.  
 - یک کامیون ۷۵ کیسه آرد حمل می کند، هر کیسه ۴۸ کیلو گرم جرم دارد. بار این کامیون چند کیلو گرم است؟

- در یک اردوگاه ۴۵۳ چادر ۸ نفره بر پا شده است. این اردوگاه چند نفر را در چادرهای خود جا داده است؟