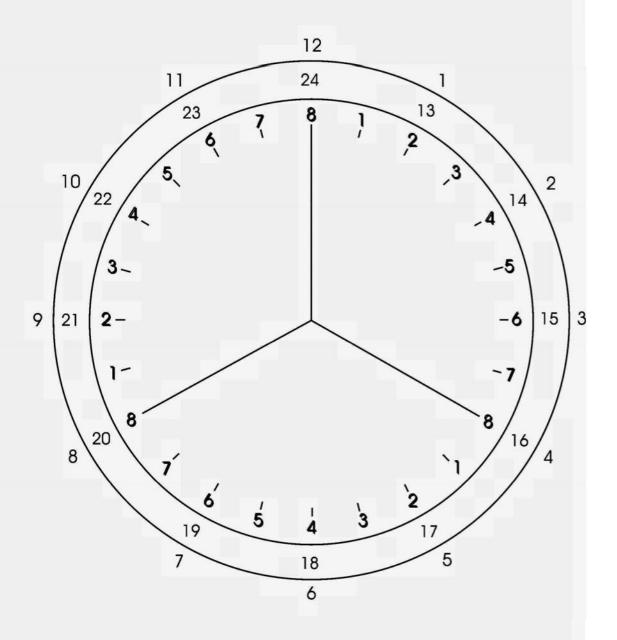
#### 24 Hour and Bell-Time Coin



The inner most circle is bell-time: notice how there are an even number of bells on the hour and an odd number of bells on the half hour. The middle circle is 24 hour time.

| 12:00 am<br>12:30 am | 2400h<br>0030h | Twenty four hundred (hours) Zero thirty (hours) | <u>a</u> a<br>a                        | 88                    | 88          |             |
|----------------------|----------------|---|--|-----------------------|-------------|-------------|
| 12.30 am             | 0100h          | Oh one hundred (hours)                          | <b>.</b><br>44                         |                       |             |             |
| 1:30 am              | 0100h          | Oh one thirty (hours)                           | 44                                     | $\triangle$           |             |             |
| 2:00 am              | 0200h          | Oh two hundred (hours)                          | 44                                     | <u> </u>              |             |             |
| 2:30 am              | 0230h          | Oh two hundred (hours)  Oh two thirty (hours)   | 44                                     | 9.9<br>8.8            |             |             |
| 3:00 am              | 0300h          | Oh three hundred (hours)                        | 44                                     | 9.9<br>8.8            | <u>.</u>    |             |
| 3:30 am              | 0330h          | Oh three thirsty (hours)                        | 44                                     | <u> </u>              | <u>aa</u>   | $\triangle$ |
| 4:00 am              | 0400h          | Oh four hundred (hours)                         | 44                                     | <u> </u>              | <u>aa</u>   | <u> </u>    |
| 4:30 am              | 0430h          | Oh four thirty (hours)                          | <u> </u>                               |                       |             |             |
| 5:00 am              | 0500h          | Oh five hundred (hours)                         | <u>.</u>                               |                       |             |             |
| 5:30 am              | 0530h          | Oh five thirty (hours)                          | <u> </u>                               | $\triangle$           |             |             |
| 6:00 am              | 0600h          | Oh six hundred (hours)                          | <del>4</del>                           | <u>A</u> A            |             |             |
| 6:30 am              | 0630h          | Oh six thirty (hours)                           | 88                                     | <u> </u>              | $\triangle$ |             |
| 7:00 am              | 0700h          | Oh seven hundred (hours)                        | <u> </u>                               | <u> </u>              | <u>a</u> a  |             |
| 7:30 am              | 0730h          | Oh seven thirty (hours)                         | <u> </u>                               | <u> </u>              | <u> </u>    | $\triangle$ |
| 8:00 am              | 0800h          | Oh eight hundred (hours)                        | <del>4</del>                           | <u> </u>              | 22          | <u>A</u> A  |
| 8:30 am              | 0830h          | Oh eight thirty (hours)                         | $\stackrel{\bigcirc}{\Leftrightarrow}$ |                       |             |             |
| 9:00 am              | 0900h          | Oh nine hundred (hours)                         | <u> </u>                               |                       |             |             |
| 9:30 am              | 0930h          | Oh nine thirty (hours)                          | <del>4</del>                           | $\triangle$           |             |             |
| 10:00 am             | 1000h          | Ten hundred (hours)                             | <del>4</del>                           | <u>a</u> a            |             |             |
| 10:30 am             | 1030h          | Ten thirty (hours)                              | 88                                     | AA                    | $\triangle$ |             |
| 11:00 am             | 1100h          | Eleven hundred (hours)                          | 88                                     | AA                    | 88          |             |
| 11:30 am             | 1130h          | Eleven thirty (hours)                           | AA                                     | ĀĀ                    | 88          | $\triangle$ |
| 12:00 pm             | 1200h          | Twelve hundred (hours)                          | 88                                     | AA                    | 88          | AA          |
| 12:30 pm             | 1230h          | Twelve thirty (hours)                           | $\Theta$                               |                       |             |             |
| 1:00 pm              | 1300h          | Thirteen hundred (hours)                        | 88                                     |                       |             |             |
| 1:30 pm              | 1330h          | Thirteen thirty (hours)                         | 88                                     | $\triangle$           |             |             |
| 2:00 pm              | 1400h          | Fourteen hundred (hours)                        | 88                                     | 22                    |             |             |
| 2:30 pm              | 1430h          | Fourteen thirty (hours)                         | 88                                     | 22                    |             |             |
| 3:00 pm              | 1500h          | Fifteen hundred (hours)                         | 88                                     | 22                    |             |             |
| 3:30 pm              | 1530h          | Fifteen thirty (hours)                          | 88                                     | 22                    | 88          |             |
| 4:00 pm              | 1600h          | Sixteen hundred (hours)                         | $\triangle \triangle$                  | 22                    | 22          | 88          |
| 4:30 pm              | 1630h          | Sixteen thirty (hours)                          | $\bigcirc$                             |                       |             |             |
| 5:00 pm              | 1700h          | Seventeen hundred (hours)                       | $\triangle \triangle$                  |                       |             |             |
| 5:30 pm              | 1730h          | Seventeen thirty (hours)                        | 88                                     | $\triangle$           |             |             |
| 6:00 pm              | 1800h          | Eighteen hundred (hours)                        | 88                                     | 22                    |             |             |
| 6:30 pm              | 1830h          | Eighteen thirty (hours)                         | 88                                     | 22                    | $\triangle$ |             |
| 7:00 pm              | 1900h          | Nineteen hundred (hours)                        | 88                                     | 22                    | 22          |             |
| 7:30 pm              | 1930h          | Nineteen thirty (hours)                         | 88                                     | 22                    | 88          | $\triangle$ |
| 8:00 pm              | 2000h          | Twenty hundred (hours)                          | 88                                     | 22                    | 88          | 22          |
| 8:30 pm              | 2030h          | Twenty thirty (hours)                           | $\triangle$                            |                       |             |             |
| 9:00 pm              | 2100h          | Twenty one hundred (hours)                      | 88                                     |                       |             |             |
| 9:30 pm              | 2130h          | Twenty one thirty (hours)                       | 88                                     | $\triangle$           |             |             |
| 10:00 pm             | 2200h          | Twenty two hundred (hours)                      | 88                                     | 22                    |             |             |
| 10:30 pm             | 2230h          | Twenty two thirty (hours)                       | 88                                     | 22                    | $\triangle$ |             |
| 11:00 pm             | 2300h          | Twenty three hundred (hours)                    | 88                                     | $\triangle \triangle$ | 88          |             |
| 11:30 pm             | 2330h          | Twenty three thirty (hours)                     | $\triangle \triangle$                  | 22                    | 88          | $\triangle$ |
| 12:00 am             | 2400h          | Twenty four hundred (hours)                     | <b>AA</b>                              | 22                    | 88          | 88          |
|                      |                |   |  |                       |             |             |

### **Work Sheet for 24 Hour and Bell Time**

# Convert the following times into **24-hour time**:

## Convert the following into **12-hour time**:

5. 
$$0205h =$$

### Convert these times into **bell time**: