

Tick Tock Problem-Solving Board

A clock has a minute hand that is 8-inches long and an hour hand that is 6-inches long. How much further does the minute hand travel in a three-hour period than the hour hand?

Understand the Problem (list what you know, what you need to know, organize your information, etc.)

Devise a Plan (some possible strategies are listed)

- | | |
|---|--|
| ☐ Draw a picture | ☐ Work a simpler problem |
| ☐ Look for a pattern | ☐ Work backwards |
| ☐ Guess and check | ☐ Eliminate possibilities |
| ☐ Act it out | ☐ Use a matrix |
| ☐ Make a table/list | ☐ Use Algebra |

Carry Out the Plan

Review the Results