1. Each expression represents the area of a figure. Draw a line to match the figure to the expression it is partitioned to represent.

\begin{tabular}{|c|c|c|}
\hline \multicolumn{3}{|c|}{Figure} \\
\hline \[
8 \mathrm{~cm}
\] \& \begin{tabular}{c}
5 cm \\
4 cm \\
\hline
\end{tabular} \& \[
3 \mathrm{~cm}
\] \\
\hline 8 cm \& 5 cm
4 cm

cm \& 3 cm \\

\hline $$
8 \mathrm{~cm}
$$ \&  \& \[

3 \mathrm{~cm}
\] \\

\hline
\end{tabular}

| Expression |
| :---: |
| $\left(8 \frac{1}{2} \times 3\right)+\left(5 \times 4 \frac{1}{2}\right)$ |
| $\left(8 \times 8 \frac{1}{2}\right)-(5 \times 4)$ |
|  |
|  |
| $\left(4 \frac{1}{2} \times 8\right)+(4 \times 3)$ |

2. Sana is building a dollhouse. The picture shows her plan for the living room floor. Find the area of the floor by using a method of your choice.

Dollhouse Living Room

3. The drawing shows the site plan of a backyard. Riley wants to lay stones for the patio, which is represented by the shaded area.

a. What is the area of the patio?
b. The patio stones are squares with a side length of $1 \frac{1}{2}$ feet. Find the area of one stone.
c. Riley purchases exactly 80 patio stones. Does Riley have enough stones to cover the patio? How do you know?

