# Cut out the cards below. Match the images and text to create 5 pairs of cards. You will need the two blank cards later in the lesson.

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|  |  | A person becomes infected with MRSA and is treated with the antibiotic *vancomycin*. |
|  |  | *Vancomycin* binds to the end of one wall-protein building block. This prevents the two cell wall proteins from binding to each other. |
|  | Two protein “building blocks” bind at their ends to create new cell wall as the MRSA bacteria grow and replicate. | The MRSA cell swells, bursts, and collapses. This is a process called *lysis*. |
| A hole forms in the cell wall and the plasma membrane becomes exposed. |  |  |