Chapter 5.2 Practice

1. If I said $A \leq_M B$ and B is undecidable, what does this say about A?

2. If I said $A \leq_M B$ and A is undecidable, what does this say about B?

3. If I said $A \leq_M B$ and B is decidable, what does this say about A?

4. If I said $A \leq_M B$ and A is decidable, what does this say about B?

5. If I said $A \leq B$ and B is undecidable, what does this say about A?

6. If I said $A \leq B$ and A is undecidable, what does this say about B?

7. Discuss what the following means: $A \leq_M B$ and $B \leq_M C$