Sue buys a basketball for $8.00. Sue later sells it for $10.00.

What is Sue’s markup rate?

3 Reads

**1st Read – Context**
The problem is about...

*buying and selling a basketball*

**2nd Read – Purpose**
I need to find out...

*the markup rate from $8 to $10*

**3rd Read – Information**
Important information is...

*Sue bought it for $8*
*She sold it for $10*

**Diagram**
Complete the double number line to answer the problem:

```
percent: 0% 25% 50% 75% 100% 125%
dollars: 0 2 4 6 8 10
```

**Answer in words**
Sue's markup rate is... **25%, since $10 is 125% of the original $8 she paid (the $8 is the whole or 100%).**