Following One Transaction

Name _____ Class _____ Date _____

Circle the letter of the best answer.

1. **What is the mempool?**
   - (A) A bank that holds bitcoin for you
   - (B) A secret password that unlocks a wallet
   - (C) A waiting room where checked payments wait to be written onto a page
   - (D) The first page of the blockchain

2. **Before a payment enters the waiting room, computers across the network check two things. Which two?**
   - (A) That it is signed, and that its coins haven't already been spent
   - (B) That the sender has a bank account and a photo ID
   - (C) That the payment is small and the receiver is online
   - (D) That the receiver has agreed to the payment

3. **When the network is busy, which payments do miners usually pick first?**
   - (A) The oldest ones in the waiting room
   - (B) The smallest payments
   - (C) Payments from the biggest wallets
   - (D) The ones that pay the most for their space

4. **What is a confirmation?**
   - (A) A receipt signed by the person you paid
   - (B) The page that holds your payment joining the chain, and each new page stacked on top of it
   - (C) The fee your payment pays
   - (D) A message from the app saying the payment was sent

5. **Why do many services wait for 3 to 6 confirmations?**
   - (A) Because a new page always takes exactly 10 minutes, so six pages is exactly an hour
   - (B) Because the law requires exactly six
   - (C) Because now and then two miners win at nearly the same moment and one page is dropped, sending its payments back to the waiting room
   - (D) Because each confirmation earns the service a bigger fee