

## ANSWER KEY

# Activity Answer Keys

Keys for all one activities.

## Audit the Sign-Up Page

**How to grade:** Give 1 point per rule and 1 point for the last question, 7 points in all. A rule earns its point when the circle matches the current rules and the box gives the reason. A blank box earns no point.

| Rule | Answer | Sample answer                                                                                                                               | Give the point if                                                                                                                                                |
|------|--------|---------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1    | Keep   | Keep it. The current rules say 15 characters when a password is the only thing protecting the account.                                      | Give the point for Keep and a reason about length. Also give the point for Change with a reason that 15 applies when the password is the only protection.        |
| 2    | Delete | Delete it. Composition rules push people into predictable passwords like Summer2026!, and the current rules say sites shouldn't force them. | Give the point for Delete and a reason about predictable patterns or the current rules.                                                                          |
| 3    | Change | Change it so a password is changed only when there's a sign it leaked. Scheduled changes push people into Password1, Password2.             | Give the point for Change or Delete when the box says scheduled changes lead to predictable passwords, or that a change should come only after a sign of a leak. |
| 4    | Change | Change it so the longest allowed password is 64 characters or more. A 12-character cap blocks passphrases and can't even meet Rule 1.       | Give the point for Change or Delete when the box says the site should allow much longer passwords.                                                               |
| 5    | Keep   | Keep it. That's a blocklist, and the current rules require one.                                                                             | Give the point for Keep and a reason that names the blocklist or leaked passwords.                                                                               |
| 6    | Keep   | Keep it. That's rate limiting, and it slows down anyone guessing at the sign-in page.                                                       | Give the point for Keep and a reason about slowing down guessing.                                                                                                |

**Last question.** The site also makes you pick a security question, like the name of your first pet. Say what's wrong with that. Write 1-2 sentences.

**Sample answer:** The answer to a question like that is often easy to find or guess, sometimes from a social media post, so an attacker can use it to get into the account. The current rules say sites shouldn't use them.

Give the point for saying the answer can be found or guessed.