Some subject-matter jurisdiction hypotheticals

 π , a citizen of Oregon, sues ∂ , a citizen of Nevada for two claims: (1) discrimination in violation of federal law because ∂ fired π and (2) breach of contract under state law relating to an unrelated agreement between π and ∂ . π seeks \$50,000 on the first claim and \$100,000 on the second claim.

 π , a citizen of Oregon, sues ∂ , a citizen of Nevada for two claims: (1) breach of contract under state law, leading to \$45,000 in damages and (2) an unrelated tort under state law, leading to \$50,000 in damages.

 π , a citizen of Oregon, sues ∂ , a citizen of Oregon, for two claims: (1) copyright infringement under federal law, seeking \$100,000 and (2) conversion under state law for the same infringement, also seeking \$100,000.

 π , a citizen of Oregon, sues two ∂ s, who are also citizens of Oregon. The two ∂ s are properly joined under Rule 20. π alleges ∂ 1 violated a federal statute, and alleges that ∂ 2 violated a state statute.

Two π s sue a single ∂ for violation of a state law. π 1's claim is for \$200,000 in damages, and π 2's claim is for \$75,000 in damages. The two claims are related to each other and so that is why the two π s can bring them in this single action. Assume π 1 is a citizen of Oregon, π 2 is a citizen of California, and ∂ is a citizen of Washington.

 π , a citizen of Oregon, sues ∂ , a citizen of Washington, for negligence under state law, seeking \$100,000. ∂ brings a state-law based counterclaim against π that arises from the same transaction or occurrence, seeking \$80,000.

Same facts as above, except that the counterclaim seeks \$30,000.

 π , a citizen of Oregon, sues ∂ , a citizen of Washington, for negligence under state law, seeking \$100,000. ∂ brings a completely unrelated counterclaim against π , seeking \$76,000.

Same facts as above, except that the counterclaim seeks \$30,000.

 π , a citizen of Oregon, sues two ∂ s, who are both citizens of Washington. π sues ∂ 1 for negligence under state law, seeking \$100,000 and sues ∂ 2 for negligence under state law, seeking \$150,000. The two claims all arise from a car accident that all three parties were involved in. Both ∂ s bring counterclaims against the π for negligence under state law because they think the accident is the π 's fault. Each ∂ seeks \$60,000 for their own injuries resulting from the accident. ∂ 1 also sues ∂ 2 for negligence under state law, this time seeking \$100,000 in damages (she seeks a bit more than the \$60,000 against the π because ∂ 1 thinks ∂ 2 should also pay punitive damages). ∂ 2 does not sue ∂ 1 because he doesn't think she was at fault.

 π , a citizen of Oregon, sues ∂ , a citizen of Washington, for negligence under state law, seeking \$100,000. ∂ believes that the product it purchased from a non-party was partially responsible for π 's injuries, and ∂ therefore thinks it can seek contribution under state law to recover some of what it might have to pay to the π should the ∂ lose the lawsuit. So ∂ files a third-party complaint against the non-party, thereby making that non-party a third-party ∂ . The claim is for contribution under state law, and seeks \$100,000.

Same facts as above, except the contribution claim seeks only \$30,000.

Same facts as above, except the π , after seeing the non-party named in the third-party complaint decides to sues that person as a ∂ under state law, seeking \$30,000.