

1. **Answer: 1**
 2. **Answer: 43**
 3. **Answer: 490**
 4. **Answer: 388**
 5. **Answer: 2006**
 6. **Answer: 80**
 7. **Answer: 376**
 8. **Answer: $5 + 3\sqrt{2}$**
 9. **Answer: $2^{2021} + 1$**
 10. **Answer: 55**
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