

## True or false

Are the following comparisons true (T) or false (F).

<div style="display: flex; align-items: center; gap: 10px;"> <div style="border: 1px solid gray; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;">10B</div> <div style="border: 1px solid gray; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;">10B</div> <div style="font-size: 2em;">=</div> </div>	<table style="margin: auto;"> <tr> <td style="border: 1px solid gray; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;">5B</td> <td style="border: 1px solid gray; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;">5B</td> <td style="border: 1px solid gray; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;">1B</td> <td style="border: 1px solid gray; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;">50S</td> </tr> <tr> <td style="border: 1px solid gray; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;">5B</td> <td style="border: 1px solid gray; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;">2B</td> <td style="border: 1px solid gray; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;">1B</td> <td style="border: 1px solid gray; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;">50S</td> </tr> </table>	5B	5B	1B	50S	5B	2B	1B	50S	<div style="border: 1px solid gray; border-radius: 15px; width: 60px; height: 40px; display: flex; align-items: center; justify-content: center; font-size: 1.5em;">T</div>
5B	5B	1B	50S							
5B	2B	1B	50S							

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5B	2B	2B	2B							
5B	2B	2B	50S							

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<div style="display: flex; align-items: center; gap: 10px;"> <div style="border: 1px solid gray; padding: 5px; display: flex; align-items: center; gap: 10px;"> <span>20</span> <div style="border: 1px solid gray; border-radius: 50%; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">B</div> <span>20</span> </div> <div style="font-size: 2em;">&lt;</div> </div>	<table style="margin: auto;"> <tr> <td style="border: 1px solid gray; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;">5B</td> <td style="border: 1px solid gray; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;">2B</td> <td style="border: 1px solid gray; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;">1B</td> <td style="border: 1px solid gray; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;">50S</td> </tr> <tr> <td style="border: 1px solid gray; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;">5B</td> <td style="border: 1px solid gray; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;">2B</td> <td style="border: 1px solid gray; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;">1B</td> <td style="border: 1px solid gray; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;">50S</td> </tr> </table>	5B	2B	1B	50S	5B	2B	1B	50S	<div style="border: 1px solid gray; border-radius: 15px; width: 60px; height: 40px;"></div>
5B	2B	1B	50S							
5B	2B	1B	50S							

## True or false

Are the following comparisons true (T) or false (F).

$$\begin{array}{ccccccc}
 (10B) & (10B) & = & (5B) & (5B) & (1B) & (50S) \\
 & & & (5B) & (2B) & (1B) & (50S)
 \end{array}$$

T

---

$$\begin{array}{ccccccc}
 (10B) & (10B) & < & (5B) & (2B) & (2B) & (2B) \\
 & & & (5B) & (2B) & (2B) & (50S)
 \end{array}$$

F

---

$$\begin{array}{ccccccc}
 (5B) & (2B) & = & (1B) & (1B) & (1B) & (50S) \\
 & & & (1B) & (1B) & (1B) & (50S)
 \end{array}$$

T

---

$$\begin{array}{ccccccc}
 (5B) & (50S) & = & (1B) & (1B) & (1B) & (25S) \\
 & & & (1B) & (1B) & (25S) & (25S)
 \end{array}$$

F

---

$$\begin{array}{ccccccc}
 (1B) & (2B) & > & (25S) & (25S) & (25S) & (25S) \\
 & & & (25S) & (25S) & (25S) & (25S)
 \end{array}$$

T

---

$$\begin{array}{ccccccc}
 \boxed{20} & (B) & 20 & < & (5B) & (2B) & (1B) & (50S) \\
 & & & & (5B) & (2B) & (1B) & (50S)
 \end{array}$$

F