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The diagrams illustrate the steps of the Euclidean algorithm for finding the GCD of 12 and 18. The sequence of diagrams is as follows:

- Diagram 1: A horizontal line with a point labeled 'a' at the left end and a point labeled 'b' at the right end. A vertical line segment is drawn at point 'a'.
- Diagram 2: A horizontal line with a point labeled 'a' at the left end and a point labeled 'b' at the right end. A vertical line segment is drawn at point 'a'.
- Diagram 3: A horizontal line with a point labeled 'a' at the left end and a point labeled 'b' at the right end. A vertical line segment is drawn at point 'a'.
- Diagram 4: A horizontal line with a point labeled 'a' at the left end and a point labeled 'b' at the right end. A vertical line segment is drawn at point 'a'.
- Diagram 5: A horizontal line with a point labeled 'a' at the left end and a point labeled 'b' at the right end. A vertical line segment is drawn at point 'a'.
- Diagram 6: A horizontal line with a point labeled 'a' at the left end and a point labeled 'b' at the right end. A vertical line segment is drawn at point 'a'.
- Diagram 7: A horizontal line with a point labeled 'a' at the left end and a point labeled 'b' at the right end. A vertical line segment is drawn at point 'a'.
- Diagram 8: A horizontal line with a point labeled 'a' at the left end and a point labeled 'b' at the right end. A vertical line segment is drawn at point 'a'.
- Diagram 9: A horizontal line with a point labeled 'a' at the left end and a point labeled 'b' at the right end. A vertical line segment is drawn at point 'a'.
- Diagram 10: A horizontal line with a point labeled 'a' at the left end and a point labeled 'b' at the right end. A vertical line segment is drawn at point 'a'.
- Diagram 11: A horizontal line with a point labeled 'a' at the left end and a point labeled 'b' at the right end. A vertical line segment is drawn at point 'a'.
- Diagram 12: A horizontal line with a point labeled 'a' at the left end and a point labeled 'b' at the right end. A vertical line segment is drawn at point 'a'.
- Diagram 13: A horizontal line with a point labeled 'a' at the left end and a point labeled 'b' at the right end. A vertical line segment is drawn at point 'a'.
- Diagram 14: A horizontal line with a point labeled 'a' at the left end and a point labeled 'b' at the right end. A vertical line segment is drawn at point 'a'.
- Diagram 15: A horizontal line with a point labeled 'a' at the left end and a point labeled 'b' at the right end. A vertical line segment is drawn at point 'a'.

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$$\begin{aligned} & \triangle \overset{\circ}{A} \quad \overset{\circ}{A} \overset{\circ}{A} \triangle \overset{\circ}{A} \quad \neg \overset{\circ}{A} \triangle \overset{\circ}{A} \overset{\circ}{A} \neg \triangle \overset{\circ}{A} \overset{\circ}{A} \triangle \overset{\circ}{A} \quad + \quad \overset{\circ}{A} \neg \overset{\circ}{A} \overset{\circ}{A} \triangle \overset{\circ}{A} \overset{\circ}{A} \quad \overset{\circ}{A} \triangle \\ & \triangle \overset{\circ}{A} \neg \overset{\circ}{A} \quad + \quad \overset{\circ}{A} \neg \triangle \overset{\circ}{A} \neg \end{aligned}$$
$$A \vdash A^a \quad A \wedge A^a \triangle A^a \triangle A^a \triangle A^a \triangle A^a \quad A \vdash A^a \quad A \wedge A^a \triangle A \vdash A^a \triangle A^a \triangle A^a \quad A \vdash A^a \quad \vdash A^a \wedge A^a \triangle A^a$$
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$\begin{array}{ccccccc} A \otimes A & A + A + A & \Delta A + & A \cdot A \Delta A & A \Delta A & + A \\ \Delta A \otimes A & \Delta A \Delta A & \Delta A & + A + \end{array}$

[illegible]

$\frac{A}{B} \times \frac{C}{D} = \frac{A \cdot C}{B \cdot D}$

[illegible]

$\Delta A A$ $A + A \Delta A A A$ $A + A A A A + \Delta A$ $+ A \Delta A A \Delta A$ $A A + A$
 $A \Delta A$ $A \Delta A A A A A A A$ $+ A \Delta A A A A$ $F A A A A +$

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$\triangle A_1 A_2 A_3 \sim \triangle A_4 A_5 A_6 \sim \triangle A_7 A_8 A_9 \sim \triangle A_{10} A_{11} A_{12}$
 $\triangle A_1 A_2 A_3 \sim \triangle A_4 A_5 A_6 \sim \triangle A_7 A_8 A_9 \sim \triangle A_{10} A_{11} A_{12}$

[illegible]

$\begin{array}{l}
 \vdash A \triangle B \quad \vdash A \triangle C \quad \vdash A \triangle D \quad \vdash A \triangle E \quad \vdash A \triangle F \quad \vdash A \triangle G \quad \vdash A \triangle H \quad \vdash A \triangle I \quad \vdash A \triangle J \\
 \vdash A \triangle K \quad \vdash A \triangle L \quad \vdash A \triangle M \quad \vdash A \triangle N \quad \vdash A \triangle O \quad \vdash A \triangle P \quad \vdash A \triangle Q \quad \vdash A \triangle R \quad \vdash A \triangle S
 \end{array}$

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𐎧𐏁𐎠𐎡𐎢𐎣𐎤𐎥𐎦𐎧𐎨𐎩𐎪𐎫𐎬𐎭𐎮𐎯𐎰𐎱𐎲𐎳𐎴𐎵𐎶𐎷𐎸𐎹𐎺𐎻𐎼𐎽𐎾𐎿
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 𐕀𐕁𐕂𐕃𐕄𐕅𐕆𐕇𐕈𐕉𐕊𐕋𐕌𐕍𐕎𐕏𐕐𐕑𐕒𐕓𐕔𐕕𐕖𐕗𐕘𐕙𐕚𐕛𐕜𐕝𐕞𐕟𐕠𐕡𐕢𐕣𐕤𐕥𐕦𐕧𐕨𐕩𐕪𐕫𐕬𐕭𐕮𐕯𐕰𐕱𐕲𐕳𐕴𐕵𐕶𐕷𐕸𐕹𐕺𐕻𐕼𐕽𐕾𐕿
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 𐗀𐗁𐗂𐗃𐗄𐗅𐗆𐗇𐗈𐗉𐗊𐗋𐗌𐗍𐗎𐗏𐗐𐗑𐗒𐗓𐗔𐗕𐗖𐗗𐗘𐗙𐗚𐗛𐗜𐗝𐗞𐗟𐗠𐗡𐗢𐗣𐗤𐗥𐗦𐗧𐗨𐗩𐗪𐗫𐗬𐗭𐗮𐗯𐗰𐗱𐗲𐗳𐗴𐗵𐗶𐗷𐗸𐗹𐗺𐗻𐗼𐗽𐗾𐗿
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 𐙀𐙁𐙂𐙃𐙄𐙅𐙆𐙇𐙈𐙉𐙊𐙋𐙌𐙍𐙎𐙏𐙐𐙑𐙒𐙓𐙔𐙕𐙖𐙗𐙘𐙙𐙚𐙛𐙜𐙝𐙞𐙟𐙠𐙡𐙢𐙣𐙤𐙥𐙦𐙧𐙨𐙩𐙪𐙫𐙬𐙭𐙮𐙯𐙰𐙱𐙲𐙳𐙴𐙵𐙶𐙷𐙸𐙹𐙺𐙻𐙼𐙽𐙾𐙿
 𐚀𐚁𐚂𐚃𐚄𐚅𐚆𐚇𐚈𐚉𐚊𐚋𐚌𐚍𐚎𐚏𐚐𐚑𐚒𐚓𐚔𐚕𐚖𐚗𐚘𐚙𐚚𐚛𐚜𐚝𐚞𐚟𐚠𐚡𐚢𐚣𐚤𐚥𐚦𐚧𐚨𐚩𐚪𐚫𐚬𐚭𐚮𐚯𐚰𐚱𐚲𐚳𐚴𐚵𐚶𐚷𐚸𐚹𐚺𐚻𐚼𐚽𐚾𐚿
 𐛀𐛁𐛂𐛃𐛄𐛅𐛆𐛇𐛈𐛉𐛊𐛋𐛌𐛍𐛎𐛏𐛐𐛑𐛒𐛓𐛔𐛕𐛖𐛗𐛘𐛙𐛚𐛛𐛜𐛝𐛞𐛟𐛠𐛡𐛢𐛣𐛤𐛥𐛦𐛧𐛨𐛩𐛪𐛫𐛬𐛭𐛮𐛯𐛰𐛱𐛲𐛳𐛴𐛵𐛶𐛷𐛸𐛹𐛺𐛻𐛼𐛽𐛾𐛿
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 𐝀𐝁𐝂𐝃𐝄𐝅𐝆𐝇𐝈𐝉𐝊𐝋𐝌𐝍𐝎𐝏𐝐𐝑𐝒𐝓𐝔𐝕𐝖𐝗𐝘𐝙𐝚𐝛𐝜𐝝𐝞𐝟𐝠𐝡𐝢𐝣𐝤𐝥𐝦𐝧𐝨𐝩𐝪𐝫𐝬𐝭𐝮𐝯𐝰𐝱𐝲𐝳𐝴𐝵𐝶𐝷𐝸𐝹𐝺𐝻𐝼𐝽𐝾𐝿
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