

$$\begin{aligned}
 a = & \quad \text{Diagram 1} - \text{Diagram 2} + \frac{1}{24} \text{Diagram 3} - \frac{1}{24} \text{Diagram 4} + \frac{i\zeta(3)}{8\pi^3} \text{Diagram 5} + \frac{i\zeta(3)}{8\pi^3} \text{Diagram 6} - \frac{i\zeta(3)}{4\pi^3} \text{Diagram 7} \\
 & \quad \text{Diagram 8}
 \end{aligned}$$

The diagrams are Feynman diagrams with two vertical lines and two external legs at the bottom.
 Diagram 1: Two vertical lines with four dots each. A dashed line connects the top dot of the left line to the top dot of the right line.
 Diagram 2: Two vertical lines with four dots each. A dashed line connects the top dot of the left line to the second dot from the top of the right line.
 Diagram 3: Two vertical lines with four dots each. A dashed line connects the top dot of the left line to the bottom dot of the right line.
 Diagram 4: Two vertical lines with four dots each. A dashed line connects the second dot from the top of the left line to the bottom dot of the right line.
 Diagram 5: Two vertical lines with four dots each. A dashed line connects the top dot of the left line to the bottom dot of the right line.
 Diagram 6: Two vertical lines with four dots each. A dashed line connects the top dot of the left line to the second dot from the top of the right line.
 Diagram 7: Two vertical lines with four dots each. A dashed line connects the top dot of the left line to the bottom dot of the right line.
 Diagram 8: Two vertical lines with four dots each. A dashed line connects the top dot of the left line to the second dot from the top of the right line.