$$D = 6$$

$$E_8^3 = O_{5:5}: \quad \text{scalar coset } O_{5:5}/$$

$$E_7^3 = SL_2^{\mathbb{R}} \times SL_4^{\mathbb{R}}: \quad \text{scalar coset } SL_2^{\mathbb{R}}/O_2 \times SL_4^{\mathbb{R}}/O_4$$

$$E_6^3 = GL_2^{\mathbb{R}} \times SL_2^{\mathbb{R}}: \quad \text{scalar coset } GL_2^{\mathbb{R}}/O_2 \times SL_2^{\mathbb{R}}/O_2$$

$$E_5^3 = \mathbb{R} \times \mathbb{R}: \quad \text{scalar coset } O_{1:1} \times O_{1:1}$$

$$E_4^3 = \mathbb{R} = O_{1:1}: \quad \text{scalar coset } O_{1:1} \ni \not{0} \text{ dilaton}$$

$$\begin{cases} \not{6} \\ \not{0} \\ \not{3} \end{cases} = \boxed{\not{6}} + \overbrace{\not{0}}^{2} - \mathfrak{e}^{\sqrt{5/2}\not{0}} \overbrace{\not{3}}^{2}$$

$$E_3^3 = 1$$

$$F_4^3 = SL_2^{\mathbb{R}}: \quad \text{scalar coset } SL_2^{\mathbb{R}}/O_2$$

$$D_8^3 = O_{4:4} \times O_{1:1}: \quad \text{scalar coset } O_{4:4}/O_4 \times O_4 \times \mathbb{R}_>$$