

$$d = 9$$

$$\Psi_{\mathbb{Q}}(9) \supseteq \{(6), (7), (9), (12), (14), (18), (19), (21), (26), (27), (28), (36), (42), (2, 6), (2, 14), (2, 18)\}$$

G	$\Psi_{\mathbb{Q}}(9, G) \setminus \{G\} \supseteq$
()	\{(6), (7), (9), (12), (14), (19), (21), (26), (28), (2, 6), (2, 14)\}
(2)	\{\}
(3)	\{(9), (18), (27), (42), (2, 18)\}
(4)	\{\}
(5)	\{\}
(6)	\{(18)\}
(7)	\{\}
(8)	\{\}
(9)	\{(27)\}
(10)	\{\}
(12)	\{(36)\}
(2, 2)	\{\}
(2, 4)	\{\}
(2, 6)	\{(2, 18)\}
(2, 8)	\{\}

$$g_{\mathbb{Q}}(9) \geq 3 \quad \#\mathcal{G}_{\mathbb{Q}}(9) \geq 20 \quad M_{\mathbb{Q}}(9) \geq 3969$$

G	$\mathcal{H}_{\mathbb{Q}}(9, E)$	Label
()	(2, 6)	196b2
()	(2, 14)	3969a1
()	(6)	19a2
()	(7)	2450ba1
()	(12)	162d2
()	(14)	294a1
()	(19)	361a1
()	(26)	147b1
()	(28)	338b1
()	(6), (9)	54b2
()	(6), (14), (21)	162b2
(3)	(2, 18)	196b1
(3)	(9)	19a1
(3)	(18)	19a3
(3)	(9), (42)	162b1
(3)	(18), (27)	27a4
(6)	(18)	14a1
(9)	(27)	54b3
(12)	(36)	90c3
(2, 6)	(2, 18)	30a2