$$\bullet$$
 1 × 1

$$4p_i^2 + 4r_i^2 + 2$$

$$\bullet$$
 2 × 2

$$16p_i^2x_i^2 - 32p_iq_ir_ix_i + 16q_i^2r_i^2 + 8p_i^2 + 8q_i^2 + 8r_i^2 + 8x_i^2 + 4$$

• 3 × 3

$$8p_i^2 + 8q_i^2 + 4$$

• 4 × 4

$$8p_i^2r_i^2 + 4p_i^2x_i^2 + 8p_iq_ir_ix_i + 4q_i^2r_i^2 + 8q_i^2x_i^2 - 8p_ir_iv_i - 8q_iv_ix_i + 2r_i^2 + 4v_i^2 + 2x_i^2$$

• 5 × 5

$$4p_i^2r_i^2 + 4q_i^2r_i^2 - 4p_ir_iv_i + r_i^2 + 2v_i^2$$

• 6 × 6

$$16p_1^2p_i^2r_i^2 + 16p_1^2q_i^2r_i^2 + 16p_i^2r^2r_i^2 + 16q_i^2r^2r_i^2 - 16p_1^2p_ir_iv_i - 16p_ir^2r_iv_i + 4p_1^2r_i^2 + 8p_1^2v_i^2 + 4p_i^2r_i^2 + 4r^2r_i^2 + 8r^2v_i^2 - 4p_ir_iv_i + v_i^2$$

• 7 × 7

$$64p_{1}^{2}p_{i}^{2}r_{i}^{2}x^{2} + 64p_{1}^{2}q_{i}^{2}r_{i}^{2}x^{2} - 128p_{1}p_{i}^{2}q_{1}rr_{i}^{2}x - 128p_{1}q_{1}q_{i}^{2}rr_{i}^{2}x + 64p_{i}^{2}q_{1}^{2}r^{2}r_{i}^{2} + 64q_{1}^{2}q_{i}^{2}r^{2}r_{i}^{2} - 64p_{1}^{2}p_{i}r_{i}v_{i}x^{2} \\ + 128p_{1}p_{i}q_{1}rr_{i}v_{i}x - 64p_{i}q_{1}^{2}r^{2}r_{i}v_{i} + 16p_{1}^{2}q_{i}^{2}r_{i}^{2} + 16p_{1}^{2}r_{i}^{2}x^{2} + 32p_{1}^{2}v_{i}^{2}x^{2} - 32p_{1}p_{i}q_{1}q_{i}r_{i}^{2} - 32p_{1}q_{1}rr_{i}^{2}x \\ - 64p_{1}q_{1}rv_{i}^{2}x + 16p_{i}^{2}q_{1}^{2}r_{i}^{2} + 16p_{i}^{2}r_{i}^{2}x^{2} - 32p_{i}q_{i}rr_{i}^{2}x + 16q_{1}^{2}r^{2}r_{i}^{2} + 32q_{1}^{2}r^{2}v_{i}^{2} + 16q_{i}^{2}r^{2}r_{i}^{2} + 16p_{1}q_{1}q_{i}r_{i}v_{i} \\ - 16p_{i}q_{1}^{2}r_{i}v_{i} - 16p_{i}r_{i}v_{i}x^{2} + 16q_{i}rr_{i}v_{i}x + 4q_{1}^{2}v_{i}^{2} + 4v_{i}^{2}x^{2}$$

• 8 × 8

$$128p_{1}^{2}p_{i}^{2}r_{i}^{2}x^{2} + 128p_{1}^{2}q_{i}^{2}r_{i}^{2}x^{2} - 256p_{1}p_{i}^{2}q_{1}rr_{i}^{2}x - 256p_{1}q_{1}q_{i}^{2}rr_{i}^{2}x + 128p_{i}^{2}q_{1}^{2}r^{2}r_{i}^{2} + 128q_{1}^{2}q_{i}^{2}r^{2}r_{i}^{2} \\ - 128p_{1}^{2}p_{i}r_{i}v_{i}x^{2} + 256p_{1}p_{i}q_{1}rr_{i}v_{i}x - 128p_{i}q_{1}^{2}r^{2}r_{i}v_{i} + 48p_{1}^{2}q_{i}^{2}r_{i}^{2} + 32p_{1}^{2}r_{i}^{2}x^{2} + 64p_{1}^{2}v_{i}^{2}x^{2} - 96p_{1}p_{i}q_{1}q_{i}r_{i}^{2} \\ - 64p_{1}q_{1}r_{i}^{2}xr - 128p_{1}q_{1}rv_{i}^{2}x + 48p_{i}^{2}q_{1}^{2}r_{i}^{2} + 32p_{i}^{2}r_{i}^{2}x^{2} - 64p_{i}q_{i}rr_{i}^{2}x + 32q_{1}^{2}r^{2}r_{i}^{2} + 64q_{1}^{2}r^{2}v_{i}^{2} + 32q_{i}^{2}r^{2}r_{i}^{2} \\ df + 48p_{1}q_{1}q_{i}r_{i}v_{i} - 48p_{i}q_{1}^{2}r_{i}v_{i} - 32p_{i}r_{i}v_{i}x^{2} + 32q_{i}r_{i}v_{i}x + 12q_{1}^{2}v_{i}^{2} + 8v_{i}^{2}x^{2}$$

• 9 × 9

$$\begin{aligned} &128p_{1}^{2}p_{i}^{2}r^{2}r_{i}^{2}x^{2}-128p_{1}^{2}p_{i}q_{i}r^{3}r_{i}^{2}x+128p_{1}^{2}p_{i}q_{i}rr_{i}^{2}x^{3}+32p_{1}^{2}q_{i}^{2}r^{4}r_{i}^{2}-64p_{1}^{2}q_{i}^{2}r^{2}r_{i}^{2}x^{2}+32p_{1}^{2}q_{i}^{2}r_{i}^{2}x^{4}\\ &-128p_{1}p_{i}^{2}q_{1}r^{3}r_{i}^{2}x+128p_{1}p_{i}^{2}q_{1}rr_{i}^{2}x^{3}+64p_{1}p_{i}q_{1}q_{i}r^{4}r_{i}^{2}-384p_{1}p_{i}q_{1}q_{i}r^{2}r_{i}^{2}x^{2}+64p_{1}p_{i}q_{1}q_{i}r_{i}^{2}x^{4}\\ &+128p_{1}q_{1}q_{i}^{2}r^{3}r_{i}^{2}x-128p_{1}q_{1}q_{i}^{2}rr_{i}^{2}x^{3}+32p_{i}^{2}q_{1}^{2}r^{4}r_{i}^{2}-64p_{i}^{2}q_{1}^{2}r^{2}r_{i}^{2}x^{2}+32p_{i}^{2}q_{1}^{2}r_{i}^{2}x^{4}+128p_{i}q_{1}q_{i}r^{3}r_{i}^{2}x\\ &-128p_{i}q_{1}^{2}q_{i}rr_{i}^{2}x^{3}+128q_{1}^{2}q_{i}^{2}r^{2}r_{i}^{2}x^{2}-128p_{1}^{2}p_{i}r^{2}r_{i}v_{i}x^{2}+64p_{1}^{2}q_{i}r^{3}r_{i}v_{i}x-64p_{1}^{2}q_{i}r_{i}v_{i}x^{3}-128p_{1}p_{i}^{2}r_{i}^{2}v_{i}x^{2}\\ &+128p_{1}p_{i}q_{1}r^{3}r_{i}v_{i}x-128p_{1}p_{i}q_{1}rr_{i}v_{i}x^{3}+192p_{1}p_{i}q_{i}r^{2}r_{i}^{2}v_{i}x-64p_{1}p_{i}q_{i}r_{i}^{2}v_{i}x^{3}-32p_{1}q_{1}q_{i}r^{4}r_{i}v_{i}\\ &+192p_{1}q_{1}q_{i}r^{2}r_{i}v_{i}x^{2}-32p_{1}q_{1}q_{i}r_{i}v_{i}x^{4}-64p_{1}q_{i}^{2}r^{2}r_{i}^{2}v_{i}x-64p_{1}q_{i}^{2}r_{i}^{2}v_{i}x^{2}+64p_{1}q_{i}r^{2}r_{i}^{2}v_{i}x^{2}-64p_{i}^{2}q_{1}r_{i}^{2}v_{i}x^{3}\\ &-32p_{i}q_{1}^{2}r^{4}r_{i}v_{i}+64p_{i}q_{1}^{2}r^{2}r_{i}v_{i}x^{2}-32p_{i}q_{1}^{2}r_{i}v_{i}x^{4}-64p_{1}q_{i}r^{3}r_{i}^{2}v+192p_{i}q_{1}q_{i}rr_{i}^{2}v_{i}x^{2}-64q_{1}^{2}q_{i}r^{3}r_{i}v_{i}x\\ &+64q_{1}^{2}q_{i}rr_{i}v_{i}x^{3}-128q_{1}q_{i}^{2}r^{2}v_{i}x+32p_{1}^{2}r^{2}v_{i}^{2}x^{2}+128p_{1}p_{i}rr_{i}vv_{i}x^{2}-32p_{1}q_{1}r^{3}v_{i}^{2}x+32p_{1}q_{1}rv_{i}^{2}x^{3}\\ &-96p_{1}q_{i}r^{2}r_{i}vv_{i}x+32p_{1}q_{i}r_{i}vv_{i}x^{3}+32p_{1}^{2}r_{i}^{2}v^{2}x^{2}-64p_{i}q_{1}r^{2}r_{i}vv_{i}x+64p_{i}q_{1}r_{i}vv_{i}x^{3}-64p_{i}q_{i}rr_{i}^{2}v^{2}x\\ &+8q_{1}^{2}r^{4}v_{i}^{2}-16q_{1}^{2}r^{2}v_{i}^{2}x^{2}+8q_{1}^{2}v_{i}^{2}x^{4}+32q_{1}q_{i}r^{3}r_{i}vv_{i}-96q_{1}q_{i}rr_{i}vv_{i}x^{2}+32q_{1}^{2}r^{2}r_{i}^{2}x^{2}-32p_{1}rvv_{i}^{2}x^{2}\\ &-3$$

## • 10 × 10

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\frac{4}{4}(64c^3d_1p_1^2p_i^2r^2r_i^2x^2 + 64c^3d_1p_1^2q_i^2r^2r_i^2x^2 - 64c^3d_1p_1p_i^2q_1r^3r_i^2x + 64c^3d_1p_1p_i^2q_1rr_i^2x^3)
                          -64c^3d_1p_1q_1q_2^2r^3r_i^2x + 64c^3d_1p_1q_1q_2^2rr_i^2x^3 + 16c^3d_1p_2^2q_1^2r^4r_i^2 - 32c^3d_1p_2^2q_1^2r^2r_i^2x^2 + 16c^3d_1p_2^2q_1^2r_i^2x^4
                        + 16c^3d_2p_1^2q_i^2r_i^2x^4 + 16c^3d_2q_1^2q_i^2r^4r_i^2 + 32c^3d_2q_1^2q_i^2r^2r_i^2x^2 + 16c^3d_2q_1^2q_i^2r_i^2x^4 + 32c^2d_1d_2p_1^2p_i^2r^4r_i^2
                        +64c^2d_1d_2p_1^2p_i^2r^2r_i^2x^2+32c^2d_1d_2p_1^2p_i^2r_i^2x^4+32c^2d_1d_2p_1^2q_i^2r^4r_i^2+64c^2d_1d_2p_1^2q_i^2r^2r_i^2x^2
                         +32c^2d_1d_2p_1^2q_1^2r_i^2x^4+32c^2d_1d_2p_i^2q_1^2r^4r_i^2+64c^2d_1d_2p_i^2q_1^2r^2r_i^2x^2+32c^2d_1d_2p_i^2q_1^2r_i^2x^4
                         +32c^2d_1d_2q_1^2q_i^2r^4r_i^2+64c^2d_1d_2q_1^2q_i^2r^2r_i^2x^2+32c^2d_1d_2q_1^2q_i^2r_i^2x^4-64c^3d_1p_1^2p_ir^2r_iv_ix^2
                          -64c^3d_1p_1p_i^2rr_i^2vx^2 + 64c^3d_1p_1p_iq_1r^3r_iv_ix - 64c^3d_1p_1p_iq_1rr_iv_ix^3 - 64c^3d_1p_1q_i^2rr_i^2vx^2
                        +32c^3d_1p_i^2q_1r^2r_i^2vx -32c^3d_1p_i^2q_1r_i^2vx^3 -16c^3d_1p_iq_1^2r^4r_iv_i +32c^3d_1p_iq_1^2r^2r_iv_ix^2 -16c^3d_1p_iq_1^2r_iv_ix^4
                        +32c^3d_1q_1q_i^2r^2r_i^2vx -32c^3d_1q_1q_i^2r_i^2vx^3 -32c^3d_2p_1q_i^2r^3r_i^2v -32c^3d_2p_1q_i^2rr_i^2vx^2 -32c^3d_2q_1q_i^2r^2r_i^2vx
                         -32c^3d_2q_1q_1^2r_1^2vx^3-32c^2d_1d_2p_1^2p_ir^4r_iv_i-64c^2d_1d_2p_1^2p_ir^2r_iv_ix^2-32c^2d_1d_2p_1^2p_ir_iv_ix^4
                         -64c^2d_1d_2p_1p_i^2r^3r_i^2v - 64c^2d_1d_2p_1p_i^2rr_i^2vx^2 - 64c^2d_1d_2p_1q_i^2r^3r_i^2v - 64c^2d_1d_2p_1q_i^2rr_i^2vx^2
                          -64c^2d_1d_2p_i^2q_1r^2r_i^2vx - 64c^2d_1d_2p_i^2q_1r_i^2vx^3 - 32c^2d_1d_2p_iq_1^2r^4r_iv_i - 64c^2d_1d_2p_iq_1^2r^2r_iv_ix^2
                          -32c^2d_1d_2p_iq_1^2r_iv_ix^4-64c^2d_1d_2q_1q_i^2r^2r_i^2vx-64c^2d_1d_2q_1q_i^2r_i^2vx^3+16c^3d_1p_1^2r^2v_i^2x^2
                        +64c^3d_1p_1p_irr_ivv_ix^2-16c^3d_1p_1q_1r^3v_i^2x+16c^3d_1p_1q_1rv_i^2x^3+16c^3d_1p_i^2r_i^2v^2x^2
                         -32c^3d_1p_iq_1r^2r_ivv_ix + 32c^3d_1p_iq_1r_ivv_ix^3 + 4c^3d_1q_1^2r^4v_i^2 - 8c^3d_1q_1^2r^2v_i^2x^2 + 4c^3d_1q_1^2v_i^2x^4 + 4c^3d_1q_1^2x^4 + 4c^3d_1
                        +16c^3d_1q_i^2r_i^2v^2x^2+16c^3d_2q_i^2r^2r_i^2v^2+16c^3d_2q_i^2r_i^2v^2x^2+32c^2d_1^2p_1^2r^2r_i^2x^2+32c^2d_1^2p_1^2r^2v_i^2x^2
                          -32c^2d_1^2p_1q_1r^3r_i^2x - 32c^2d_1^2p_1q_1r^3v_i^2x + 32c^2d_1^2p_1q_1rr_i^2x^3 + 32c^2d_1^2p_1q_1rv_i^2x^3 + 8c^2d_1^2q_1^2r^4r_i^2x^2 + 32c^2d_1^2p_1q_1rv_i^2x^2 + 32c^2d_1^2q_1^2x^2 + 32c^2d_1^2q_1^2x^2 + 32c^2d_1^2q_1^2x^2 + 32c^2d_1^2x^2 + 32c^
                        +8c^2d_1^2q_1^2r^4v_i^2-16c^2d_1^2q_1^2r^2r_i^2x^2-16c^2d_1^2q_1^2r^2v_i^2x^2+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+48c^2d_1d_2p_1^2p_i^2r^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2x^4+8c^2d_1^2q_1^2x^4+8c^2d_1^2q_1^2x^4+8c^2d_1^2q_1^2x^4+8c^2d_1^2q_1^2x^4+8c^2d_1^2q_1^2x^4+8c^2d_1^2q_1^2x^4+8c^2d_1^2q_1^2x^2+8c^2d_1^2q_1^2x^2+8c^2d_1^2q_1^2x^2+8c^2d_1^2q_1^2x^2+8c^2d_1^2q_1^2x^2+8c^2d_1^2q_1^2x^2+8c^2d_1^2q_1^2x^2+8c^2d_1^2q_1^2x^2+8c^2d_1^2q_1^2x^2+8c^2d_1^2q_1^2x^2+8c^2d_1^2q_1^2x^2+8c^2d_1^2q_1^2x^2+8c^2d_1^2q_1^2x^2+8c^2d_1^2q_1^2x^2+8c^2d_1^2q_1^2x^2+8c^2d_1^2q_1^2x^2+8c^2d_1^2q_1^2x^2+8c^2d_1^2q_1^2x^2+8c^2d_1^2q_1^2x^2+8c^2d_1^2q_1^2x^2+8c^2d_1^2q_1^2x^2+8c^2d_1^2q_1^2x^2+8c^2d_1^2q_1^2x^2+8c^2d_1^2q_1^2x^2+8c^2d_1^2q_1^2x^2+8c^2d_1^2q_1^2x^2+8c^2d_1^2q_1^2x^2+8c^2d_1^2q_1^2x^2+8c^2d_1^2q_1^2x^2+8c^2d_1^2x^2+8c^2d_1^2x^2+8c^2d_1^2x^2+8c^2d_1^2x^2+8c^2d_1^2x^2+8c^2d_1^2x^2+8c^2d_1^2x^2+8c^2d_1^2x^2+8c^2d_1^2x^2+8c^2d_1^2x^2+8c^2d
                         +48c^2d_1d_2p_1^2q_2^2r^2r_i^2+8c^2d_1d_2p_1^2r^4r_i^2+16c^2d_1d_2p_1^2r^4v_i^2+16c^2d_1d_2p_1^2r^2r_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2
                         +8c^2d_1d_2p_1^2r_i^2x^4+16c^2d_1d_2p_1^2v_i^2x^4+64c^2d_1d_2p_1p_ir^3r_ivv_i+64c^2d_1d_2p_1p_irr_ivv_ix^2
                         +48c^2d_1d_2p_i^2q_1^2r^2r_i^2+8c^2d_1d_2p_i^2r^4r_i^2+32c^2d_1d_2p_i^2r^2r_i^2v^2+16c^2d_1d_2p_i^2r^2r_i^2x^2+32c^2d_1d_2p_i^2r_i^2v^2x^2
                        +8c^2d_1d_2p_i^2r_i^2x^4+64c^2d_1d_2p_iq_1r^2r_ivv_ix+64c^2d_1d_2p_iq_1r_ivv_ix^3+48c^2d_1d_2q_1^2q_i^2r^2r_i^2+8c^2d_1d_2q_1^2r^4r_i^2
                         +16c^2d_1d_2q_1^2r^4v_i^2+16c^2d_1d_2q_1^2r^2r_i^2x^2+32c^2d_1d_2q_1^2r^2v_i^2x^2+8c^2d_1d_2q_1^2r_i^2x^4+16c^2d_1d_2q_1^2v_i^2x^4+3c^2d_1d_2q_1^2r_i^2x^4+16c^2d_1d_2q_1^2v_i^2x^4+3c^2d_1d_2q_1^2r_i^2x^4+3c^2d_1d_2q_1^2r_i^2x^4+3c^2d_1d_2q_1^2r_i^2x^4+3c^2d_1d_2q_1^2r_i^2x^4+3c^2d_1d_2q_1^2r_i^2x^4+3c^2d_1d_2q_1^2r_i^2x^4+3c^2d_1d_2q_1^2r_i^2x^4+3c^2d_1d_2q_1^2r_i^2x^4+3c^2d_1d_2q_1^2r_i^2x^4+3c^2d_1d_2q_1^2r_i^2x^4+3c^2d_1d_2q_1^2r_i^2x^4+3c^2d_1d_2q_1^2r_i^2x^4+3c^2d_1d_2q_1^2r_i^2x^4+3c^2d_1d_2q_1^2r_i^2x^4+3c^2d_1d_2q_1^2r_i^2x^4+3c^2d_1d_2q_1^2r_i^2x^4+3c^2d_1d_2q_1^2r_i^2x^4+3c^2d_1d_2q_1^2r_i^2x^4+3c^2d_1d_2q_1^2r_i^2x^4+3c^2d_1d_2q_1^2r_i^2x^4+3c^2d_1d_2q_1^2r_i^2x^4+3c^2d_1d_2q_1^2r_i^2x^4+3c^2d_1d_2q_1^2r_i^2x^4+3c^2d_1d_2q_1^2r_i^2x^4+3c^2d_1d_2q_1^2r_i^2x^4+3c^2d_1d_2q_1^2r_i^2x^4+3c^2d_1d_2q_1^2r_i^2x^4+3c^2d_1d_2q_1^2r_i^2x^4+3c^2d_1d_2q_1^2r_i^2x^4+3c^2d_1d_2q_1^2r_i^2x^4+3c^2d_1d_2q_1^2r_i^2x^4+3c^2d_1d_2q_1^2r_i^2x^4+3c^2d_1d_2q_1^2r_i^2x^4+3c^2d_1d_2q_1^2r_i^2x^4+3c^2d_1d_2q_1^2r_i^2x^4+3c^2d_1d_2q_1^2r_i^2x^4+3c^2d_1d_2q_1^2r_i^2x^4+3c^2d_1d_2q_1^2r_i^2x^4+3c^2d_1d_2q_1^2r_i^2x^4+3c^2d_1d_2q_1^2r_i^2x^4+3c^2d_1d_2q_1^2r_i^2x^4+3c^2d_1d_2q_1^2r_i^2x^4+3c^2d_1d_2q_1^2r_i^2x^4+3c^2d_1d_2q_1^2r_i^2x^4+3c^2d_1d_2q_1^2r_i^2x^4+3c^2d_1d_2q_1^2x^4+3c^2d_1d_2q_1^2x^2+3c^2d_1d_2q_1^2x^2+3c^2d_1d_2q_1^2x^2+3c^2d_1d_2q_1^2x^2+3c^2d_1d_2q_1^2x^2+3c^2d_1d_2q_1^2x^2+3c^2d_1d_2q_1^2x^2+3c^2d_1d_2q_1^2x^2+3c^2d_1d_2q_1^2x^2+3c^2d_1d_2q_1^2x^2+3c^2d_1d_2q_1^2x^2+3c^2d_1d_2q_1^2x^2+3c^2d_1d_2q_1^2x^2+3c^2d_1d_2q_1^2x^2+3c^2d_1d_2q_1^2x^2+3c^2d_1d_2q_1^2x^2+3c^2d_1d_2q_1^2x^2+3c^2d_1d_2q_1^2x^2+3c^2d_1d_2q_1^2x^2+3c^2d_1d_2q_1^2x^2+3c^2d_1d_2q_1^2x^2+3c^2d_1d_2q_1^2x^2+3c^2d_1d_2q_1^2x^2+3c^2d_1d_2q_1^2x^2+3c^2d_1d_2q_1^2x^2+3c^2d_1d_2q_1^2x^2+3c^2d_1d_2q_1^2x^2+3c^2d_1d_2q_1^2x^2+3c^2d_1d_2q_1^2x^2+3c^2d_1d_2q_1^2x^2+3c^2d_1d_2q_1^2x^2+3c^2d_1d_2q_1^2x^2+3c^2d_1d_2q_1^2x^2+3c^2d_1d_2q_1^2x^2+3c^2d_1d_2q_1^2x^2+3c^2d_1d_1d_2q_1^2x^2+3c^2d_1d_1d_2q_1^2x^2+3c^2d_1d_1d_2q_1^2x^2+3c^2d_1d_1d_2q_1^2x^2+3c^2d_1d_1d_
                        +8c^2d_1d_2q_i^2r^4r_i^2+32c^2d_1d_2q_i^2r^2r_i^2v^2+16c^2d_1d_2q_i^2r^2r_i^2x^2+32c^2d_1d_2q_i^2r_i^2v^2x^2+8c^2d_1d_2q_i^2r_i^2x^4+8c^2d_1d_2q_i^2r_i^2x^4+8c^2d_1d_2q_i^2r_i^2x^4+8c^2d_1d_2q_i^2r_i^2x^4+8c^2d_1d_2q_i^2r_i^2x^4+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i
                        +8c^2d_2^2q_i^2r^4r_i^2+16c^2d_2^2q_i^2r^2r_i^2x^2+8c^2d_2^2q_i^2r_i^2x^4+16cd_1^2d_2p_1^2r^4r_i^2+16cd_1^2d_2p_1^2r^4v_i^2+32cd_1^2d_2p_1^2r^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2r_i^2x^2+34cd_1^2d_2p_1^2x^2+34cd_1^2d_2p_1^2x^2+34cd_1^2d_2p_1^2x^2+34cd_1^2d_2p_1^2x^2+34cd_1^2d_2p_1^2x^2+34cd_1^2d_2p_1^2x^2+34cd_1^2d_2p_1^2x^2+34cd_1^2d_2p_1^2x^2+34cd_1^2d_2p_1^2x^2+34cd_1^2x^2+34cd_1^2x^2+34cd_1^2x^2+34cd_1^2x^2+34cd_1^2x^2+34cd_1^2x^2+34cd_1^2x^2+34cd_1^2x^2+34cd_1^2x^2+34cd_1^2x^2+34cd_1^2x^2+34cd_
                         +32cd_1^2d_2p_1^2r^2v_i^2x^2+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2v_i^2x^4+16cd_1^2d_2q_1^2r^4r_i^2+16cd_1^2d_2q_1^2r^4v_i^2
                        +32cd_1^2d_2q_1^2r^2r_i^2x^2+32cd_1^2d_2q_1^2r^2v_i^2x^2+16cd_1^2d_2q_1^2r_i^2x^4+16cd_1^2d_2q_1^2v_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2r^4r_i^2x^4+16cd_1d_2^2r^4r_i^2x^4+16cd_1d_2^2r^4r_i^2x^4+16cd_1d_2^2r^4r_i^2x^4+16cd_1d_2^2r^4r_i^2x^4+16cd_1d_2^2r_i^2x^4+16cd_1d_2^2r_i^2x^4+16cd_1d_2^2r_i^2x^4+16cd_1d_2^2r_i^2x^4+16cd_1d_2^2r_i^2x^4+16cd_1d_2^2r_i^2x^4+16cd_1d_2^2r_i^2x^4+16cd_1d_2^2r_i^2x^4+16cd_1d_2^2r_i^2x^4+16cd_1d_2^2r_i^2x^4+16cd_1d_2^2r_i^2x^4+16cd_1d_2^2r_i^2x^4+16cd_1d_2^2r_i
                        +32cd_1d_2^2p_i^2r^2r_i^2x^2+16cd_1d_2^2p_i^2r_i^2x^4+16cd_1d_2^2q_i^2r^4r_i^2+32cd_1d_2^2q_i^2r^2r_i^2x^2+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2x^4+16cd_1d_2^2q_i^2x^4+16cd_1d_2^2q_i^2x^4+16cd_1d_2^2q_i^2x^4+16cd_1d_2^2q_i^2x^4+16cd_1d_2^2q_i^2x^4+16cd_1d_2^2q_i^2x^4+16cd_1d_2^2q_i^2x^4+16cd_1d_2^2q_i^2x^4+16cd_1d_2^2q_i^2x^4+16cd_1d_2^2q_i^2x^4+16cd_1d_2^2q_i^2x^4+16cd_1d_2^2q_i^2x^4+16cd_1d_2^2q_i^2x^4+16cd_1d_2^2q_i^2x^4+16cd_1d_2^2q_i^2x^4+16cd_1d_2^2q_i^2x^4+16cd_1d_2^2q_i^2x^4+16cd_1d_2^2q_i^2x^4+16cd_1d_2^2q_i^2x^4+16cd_1d_2^2q_i^2x^4+16cd_1d_2^2q_i^2x^4+16cd_1d_2^2q_i^2x^4+16cd_1d_2^2q_i^2x^4+16cd_1d_2^2q_i^2x^4+16cd_1d_2^2q_i^2x^4+16cd_1d_2^2q_i^2x^4+16cd_1d_2^2q_i^2x^4+16cd_1d_2^2q_i^2x^4+16cd_1d
                          -16c^3d_1p_1rvv_i^2x^2-16c^3d_1p_ir_iv^2v_ix^2+8c^3d_1q_1r^2vv_i^2x-8c^3d_1q_1vv_i^2x^3-32c^2d_1^2p_1rr_i^2vx^2
                          -32c^2d_1^2p_1rvv_i^2x^2+16c^2d_1^2q_1r^2r_i^2vx+16c^2d_1^2q_1r^2vv_i^2x-16c^2d_1^2q_1r_i^2vx^3-16c^2d_1^2q_1vv_i^2x^3
                          -48c^2d_1d_2p_1^2p_ir^2r_iv_i-48c^2d_1d_2p_1p_i^2rr_i^2v-48c^2d_1d_2p_1q_i^2rr_i^2v-16c^2d_1d_2p_1r^3r_i^2v-32c^2d_1d_2p_1r^3vv_i^2
                         -16c^2d_1d_2p_1rr_i^2vx^2 - 32c^2d_1d_2p_1rvv_i^2x^2 - 48c^2d_1d_2p_iq_1^2r^2r_iv_i - 8c^2d_1d_2p_ir^4r_iv_i
                          -32c^2d_1d_2p_ir^2r_iv^2v_i - 16c^2d_1d_2p_ir^2r_iv_ix^2 - 32c^2d_1d_2p_ir_iv^2v_ix^2 - 8c^2d_1d_2p_ir_iv_ix^4
                          -16c^2d_1d_2q_1r^2r_i^2vx - 32c^2d_1d_2q_1r^2vv_i^2x - 16c^2d_1d_2q_1r_i^2vx^3 - 32c^2d_1d_2q_1vv_i^2x^3 - 32cd_1^2d_2p_1r^3r_i^2v
                          -32cd_1^2d_2p_1r^3vv_i^2 - 32cd_1^2d_2p_1rr_i^2vx^2 - 32cd_1^2d_2p_1rvv_i^2x^2 - 32cd_1^2d_2q_1r^2r_i^2vx - 32cd_1^2d_2q_1r^2vv_i^2x^2 - 32cd_1^2d_2q_1r^2v_i^2x^2 - 32cd_1^2d_2q_1
                          -32cd_1^2d_2q_1r_i^2vx^3 - 32cd_1^2d_2q_1vv_i^2x^3 - 16cd_1d_2^2p_ir^4r_iv_i - 32cd_1d_2^2p_ir^2r_iv_ix^2 - 16cd_1d_2^2p_ir_iv_ix^4
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+4c^3d_1v^2v_i^2x^2+8c^2d_1^2r_i^2v^2x^2+8c^2d_1^2v^2v_i^2x^2+12c^2d_1d_2p_1^2r^2v_i^2+48c^2d_1d_2p_1p_irr_ivv_i+12c^2d_1d_2p_i^2r_i^2v^2\\+12c^2d_1d_2q_1^2r^2v_i^2+12c^2d_1d_2q_i^2r_i^2v^2+2c^2d_1d_2r^4v_i^2+8c^2d_1d_2r^2r_i^2v^2+16c^2d_1d_2r^2v_i^2x^2+4c^2d_1d_2r^2v_i^2x^2\\+8c^2d_1d_2r_i^2v^2x^2+16c^2d_1d_2v^2v_i^2x^2+2c^2d_1d_2v_i^2x^4+12c^2d_2^2q_i^2r_i^2v^2+24cd_1^2d_2p_1^2r^2r_i^2+24cd_1^2d_2p_1^2r^2v_i^2\\+24cd_1^2d_2q_1^2r^2r_i^2+24cd_1^2d_2q_1^2r^2v_i^2+4cd_1^2d_2r^4r_i^2+4cd_1^2d_2r^4v_i^2+16cd_1^2d_2r^2r_i^2v^2+8cd_1^2d_2r^2r_i^2x^2\\+16cd_1^2d_2r^2v^2v_i^2+8cd_1^2d_2r^2v_i^2x^2+16cd_1^2d_2r_i^2v^2x^2+4cd_1^2d_2r_i^2x^4+16cd_1^2d_2v^2v_i^2x^2+4cd_1^2d_2v_i^2x^4\\+24cd_1d_2^2p_i^2r^2r_i^2+24cd_1d_2^2p_i^2r_i^2v^2+24cd_1d_2^2q_i^2r^2r_i^2+24cd_1d_2^2q_i^2r_i^2v^2+4cd_1d_2^2r^4r_i^2+8cd_1d_2^2r^4v_i^2\\+8cd_1d_2^2r^2r_i^2x^2+16cd_1d_2^2r^2v_i^2x^2+4cd_1d_2^2r_i^2x^4+8cd_1d_2^2v_i^2x^4+8d_1^2d_2^2r^4r_i^2+8d_1^2d_2^2r^4v_i^2\\+16d_1^2d_2^2r^2r_i^2x^2+16d_1^2d_2^2r^2v_i^2x^2+8d_1^2d_2^2r_i^2x^4+8d_1^2d_2^2v_i^2x^4+8d_1^2d_2^2r^4r_i^2+8d_1^2d_2^2r^4v_i^2\\+16d_1^2d_2^2r^2r_i^2x^2+6d_1^2d_2^2r^2v_i^2x^2+8d_1^2d_2^2r_i^2x^4+8d_1^2d_2^2v_i^2x^4-12c^2d_1d_2p_1rvv_i^2-12c^2d_1d_2p_ir_iv^2v_i\\-24cd_1^2d_2p_1rr_i^2v-24cd_1^2d_2p_1rvv_i^2-24cd_1d_2^2p_ir^2v_iv_i-24cd_1d_2^2p_ir_iv^2v_i+3c^2d_1d_2v^2v_i^2\\+6cd_1^2d_2r_i^2v^2+6cd_1^2d_2v^2v_i^2+6cd_1d_2^2r^2v_i^2+6cd_1d_2^2r^2v_i^2+12d_1^2d_2^2r^2v_i^2+12d_1^2d_2^2r^2v_i^2\\+12d_1^2d_2^2r^2v_i^2+12d_1^2d_2^2r_i^2v^2+12d_1^2d_2^2v_i^2v_i^2
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## • 11 × 11

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\frac{4}{5}(4p_{2}^{2}c+4r^{2}c+c+2d_{3})(64c^{3}d_{1}p_{1}^{2}p_{i}^{2}r^{2}r_{i}^{2}x^{2}+64c^{3}d_{1}p_{1}^{2}q_{i}^{2}r^{2}r_{i}^{2}x^{2}-64c^{3}d_{1}p_{1}p_{i}^{2}q_{1}r^{3}r_{i}^{2}x^{2}+64c^{3}d_{1}p_{1}^{2}q_{1}^{2}r_{i}^{2}x^{2}+64c^{3}d_{1}p_{1}^{2}q_{1}^{2}r_{i}^{2}x^{2}+64c^{3}d_{1}p_{1}^{2}q_{1}^{2}r_{i}^{2}x^{2}+64c^{3}d_{1}p_{1}^{2}q_{1}^{2}r_{i}^{2}x^{2}+64c^{3}d_{1}p_{1}^{2}q_{1}^{2}r_{i}^{2}x^{2}+64c^{3}d_{1}p_{1}^{2}q_{1}^{2}r_{i}^{2}x^{2}+64c^{3}d_{1}p_{1}^{2}q_{1}^{2}r_{i}^{2}x^{2}+64c^{3}d_{1}p_{1}^{2}q_{1}^{2}r_{i}^{2}x^{2}+64c^{3}d_{1}p_{1}^{2}q_{1}^{2}r_{i}^{2}x^{2}+64c^{3}d_{1}p_{1}^{2}q_{1}^{2}r_{i}^{2}x^{2}+64c^{3}d_{1}p_{1}^{2}q_{1}^{2}r_{i}^{2}x^{2}+64c^{3}d_{1}p_{1}^{2}q_{1}^{2}r_{i}^{2}x^{2}+64c^{3}d_{1}p_{1}^{2}q_{1}^{2}r_{i}^{2}x^{2}+64c^{3}d_{1}p_{1}^{2}q_{1}^{2}r_{i}^{2}x^{2}+64c^{3}d_{1}p_{1}^{2}q_{1}^{2}r_{i}^{2}x^{2}+64c^{3}d_{1}p_{1}^{2}q_{1}^{2}r_{i}^{2}x^{2}+64c^{3}d_{1}p_{1}^{2}q_{1}^{2}r_{i}^{2}x^{2}+64c^{3}d_{1}p_{1}^{2}q_{1}^{2}r_{i}^{2}x^{2}+64c^{3}d_{1}p_{1}^{2}q_{1}^{2}r_{i}^{2}x^{2}+64c^{3}d_{1}p_{1}^{2}q_{1}^{2}r_{i}^{2}x^{2}+64c^{3}d_{1}p_{1}^{2}q_{1}^{2}r_{i}^{2}x^{2}+64c^{3}d_{1}p_{1}^{2}r_{i}^{2}x^{2}+64c^{3}d_{1}p_{1}^{2}q_{1}^{2}r_{i}^{2}x^{2}+64c^{3}d_{1}p_{1}^{2}q_{1}^{2}r_{i}^{2}x^{2}+64c^{3}d_{1}p_{1}^{2}q_{1}^{2}r_{i}^{2}x^{2}+64c^{3}d_{1}p_{1}^{2}q_{1}^{2}r_{i}^{2}x^{2}+64c^{3}d_{1}p_{1}^{2}q_{1}^{2}r_{i}^{2}x^{2}+64c^{3}d_{1}p_{1}^{2}q_{1}^{2}r_{i}^{2}x^{2}+64c^{3}d_{1}p_{1}^{2}q_{1}^{2}r_{i}^{2}x^{2}+64c^{3}d_{1}p_{1}^{2}q_{1}^{2}r_{i}^{2}x^{2}+64c^{3}d_{1}p_{1}^{2}q_{1}^{2}r_{i}^{2}x^{2}+64c^{3}d_{1}p_{1}^{2}q_{1}^{2}r_{i}^{2}x^{2}+64c^{3}d_{1}p_{1}^{2}q_{1}^{2}r_{i}^{2}x^{2}+64c^{3}d_{1}p_{1}^{2}q_{1}^{2}r_{i}^{2}x^{2}+64c^{3}d_{1}p_{1}^{2}q_{1}^{2}r_{i}^{2}x^{2}+64c^{3}d_{1}p_{1}^{2}q_{1}^{2}r_{1}^{2}x^{2}+64c^{3}d_{1}p_{1}^{2}q_{1}^{2}r_{1}^{2}x^{2}+64c^{3}d_{1}p_{1}^{2}q_{1}^{2}x^{2}+64c^{3}d_{1}p_{1}^{2}q_{1}^{2}x^{2}+64c^{3}d_{1}p_{1}^{2}q_{1}^{2}x^{2}+64c^{3}d_{1}p_{1}^{2}q_{1}^{2}x^{2}+64c^{3}d_{1}p_{1}^{2}q_{1}^{2}x^{2}+64c^{3}d_{1}p_{1}^{
                                -32c^3d_1p_i^2q_1^2r^2r_i^2x^2+16c^3d_1p_i^2q_1^2r_i^2x^4+16c^3d_1q_1^2q_i^2r^4r_i^2-32c^3d_1q_1^2q_i^2r^2r_i^2x^2+16c^3d_1q_1^2q_i^2r_i^2x^4+16c^3d_1q_1^2q_i^2r_i^2x^4+16c^3d_1q_1^2q_i^2r_i^2x^4+16c^3d_1q_1^2q_i^2r_i^2x^4+16c^3d_1q_1^2q_i^2r_i^2x^4+16c^3d_1q_1^2q_i^2r_i^2x^4+16c^3d_1q_1^2q_i^2r_i^2x^4+16c^3d_1q_1^2q_i^2r_i^2x^4+16c^3d_1q_1^2q_i^2r_i^2x^4+16c^3d_1q_1^2q_i^2r_i^2x^4+16c^3d_1q_1^2q_i^2r_i^2x^4+16c^3d_1q_1^2q_i^2r_i^2x^4+16c^3d_1q_1^2q_i^2r_i^2x^4+16c^3d_1q_1^2q_i^2r_i^2x^4+16c^3d_1q_1^2q_i^2r_i^2x^4+16c^3d_1q_1^2q_i^2r_i^2x^4+16c^3d_1q_1^2q_i^2r_i^2x^4+16c^3d_1q_1^2q_i^2r_i^2x^4+16c^3d_1q_1^2q_i^2r_i^2x^4+16c^3d_1q_1^2q_i^2r_i^2x^4+16c^3d_1q_1^2q_i^2r_i^2x^4+16c^3d_1q_1^2q_i^2r_i^2x^4+16c^3d_1q_1^2q_i^2r_i^2x^4+16c^3d_1q_1^2q_i^2r_i^2x^4+16c^3d_1q_1^2q_i^2r_i^2x^4+16c^3d_1q_1^2q_i^2r_i^2x^4+16c^3d_1q_1^2q_i^2r_i^2x^4+16c^3d_1q_1^2q_i^2r_i^2x^4+16c^3d_1q_1^2q_i^2r_i^2x^4+16c^3d_1q_1^2q_i^2r_i^2x^4+16c^3d_1q_1^2q_i^2r_i^2x^4+16c^3d_1q_1^2q_i^2r_i^2x^4+16c^3d_1q_1^2q_i^2r_i^2x^4+16c^3d_1q_1^2q_i^2r_i^2x^4+16c^3d_1q_1^2q_i^2r_i^2x^4+16c^3d_1q_1^2q_i^2r_i^2x^4+16c^3d_1q_1^2q_i^2r_i^2x^4+16c^3d_1q_1^2q_i^2r_i^2x^4+16c^3d_1q_1^2q_i^2r_i^2x^4+16c^3d_1q_1^2q_i^2r_i^2x^4+16c^3d_1q_1^2q_i^2r_i^2x^4+16c^3d_1q_1^2q_i^2r_i^2x^4+16c^3d_1q_1^2q_i^2r_i^2x^4+16c^3d_1q_1^2q_i^2r_i^2x^4+16c^3d_1q_1^2q_i^2r_i^2x^4+16c^3d_1q_1^2q_i^2x^2+16c^3d_1q_1^2q_i^2x^2+16c^3d_1q_1^2q_i^2x^2+16c^3d_1q_1^2q_i^2x^2+16c^3d_1q_1^2q_i^2x^2+16c^3d_1q_1^2q_i^2x^2+16c^3d_1q_1^2q_i^2x^2+16c^3d_1q_1^2q_i^2x^2+16c^3d_1q_1^2q_i^2x^2+16c^3d_1q_1^2q_i^2x^2+16c^3d_1q_1^2q_i^2x^2+16c^3d_1q_1^2q_1^2q_1^2x^2+16c^3d_1q_1^2q_1^2q_1^2x^2+16c^3d_1q_1^2q_1^2q_1^2x^2+16c^3d_1q_1^2q_1^2x^2+16c^3d_1q_1^2q_1^2x^2+16c^3d_1q_1^2q_1^2x^2+16c^3d_1q_1^2q_1^2x^2+16c^3d_1q_1^2q_1^2x^2+16c^3d_1q_1^2q_1^2x^2+16c^3d_1q_1^2q_1^2x^2+16c^3d_1q_1^2x^2+16c^3d_1q_1^2x^2+16c^3d_1q_1^2x^2+16c^3d_1q_1^2x^2+16c^3d_1q_1^2x^2+16c^3d_1q_1^2x^2+16c^3d_1q_1^2x^2+16c^3d_1q_1^2x^2+16c^3d_1q_1^2x^2+16c^3d_1q_1^2x^2+16c^3d_1q_1^2x^2+16c^3d_1q_1^2x^2+16c^3d_1q_1^2x^2+16c^3d_1q_1^2x^2
                                 + 16c^3d_2p_1^2q_i^2r^4r_i^2 + 32c^3d_2p_1^2q_i^2r^2r_i^2x^2 + 16c^3d_2p_1^2q_i^2r_i^2x^4 + 16c^3d_2q_1^2q_i^2r^4r_i^2 + 32c^3d_2q_1^2q_i^2r^2r_i^2x^2 + 16c^3d_2p_1^2q_i^2r_i^2x^4 + 16c^3d_2q_1^2q_i^2r_i^2r_i^2x^2 + 16c^3d_2p_1^2q_i^2r_i^2x^2 + 16c^3d_2p_1^2q_i^2x^2 +
                                 + \ 16c^3d_2q_1^2q_i^2r_i^2x^4 + 32c^2d_1d_2p_1^2p_i^2r^4r_i^2 + 64c^2d_1d_2p_1^2p_i^2r^2r_i^2x^2 + 32c^2d_1d_2p_1^2p_i^2r_i^2x^4 + 32c^2d_1d_2p_1^2p_i^2x^4 + 32c^2d_1d_2p_1^2x^4 +
                                +32c^2d_1d_2p_1^2q_i^2r^4r_i^2+64c^2d_1d_2p_1^2q_i^2r^2r_i^2x^2+32c^2d_1d_2p_1^2q_i^2r_i^2x^4+32c^2d_1d_2p_i^2q_1^2r^4r_i^2
                                 +64c^2d_1d_2p_i^2q_1^2r^2r_i^2x^2+32c^2d_1d_2p_i^2q_1^2r_i^2x^4+32c^2d_1d_2q_1^2q_i^2r^4r_i^2+64c^2d_1d_2q_1^2q_i^2r^2r_i^2x^2
                                 +32c^2d_1d_2q_1^2q_1^2r_1^2x^4-64c^3d_1p_1^2p_ir^2r_iv_ix^2-64c^3d_1p_1p_i^2rr_i^2vx^2+64c^3d_1p_1p_iq_1r^3r_iv_ix
                                  -64c^3d_1p_1p_iq_1rr_iv_ix^3 - 64c^3d_1p_1q_i^2rr_i^2vx^2 + 32c^3d_1p_i^2q_1r^2r_i^2vx - 32c^3d_1p_i^2q_1r_i^2vx^3 - 16c^3d_1p_iq_1^2r^4r_iv_i
                                +32c^3d_1p_iq_1^2r^2r_iv_ix^2-16c^3d_1p_iq_1^2r_iv_ix^4+32c^3d_1q_1q_i^2r^2r_i^2vx-32c^3d_1q_1q_i^2r_i^2vx^3-32c^3d_2p_1q_i^2r^3r_i^2v
                                  -32c^3d_2p_1q_i^2rr_i^2vx^2 - 32c^3d_2q_1q_i^2r_i^2vx - 32c^3d_2q_1q_i^2r_i^2vx^3 - 32c^2d_1d_2p_1^2p_ir_i^4r_iv_i
                                 -64c^2d_1d_2p_1^2p_ir^2r_iv_ix^2 - 32c^2d_1d_2p_1^2p_ir_iv_ix^4 - 64c^2d_1d_2p_1p_i^2r^3r_i^2v - 64c^2d_1d_2p_1p_i^2rr_i^2vx^2
                                  -64c^2d_1d_2p_1q_i^2r^3r_i^2v - 64c^2d_1d_2p_1q_i^2rr_i^2vx^2 - 64c^2d_1d_2p_i^2q_1r^2r_i^2vx - 64c^2d_1d_2p_i^2q_1r_i^2vx^3
                                  -32c^2d_1d_2p_iq_1^2r^4r_iv_i-64c^2d_1d_2p_iq_1^2r^2r_iv_ix^2-32c^2d_1d_2p_iq_1^2r_iv_ix^4-64c^2d_1d_2q_1q_i^2r^2r_i^2v_ix^4-64c^2d_1d_2q_1q_i^2r_i^2v_ix^4-64c^2d_1d_2q_1q_i^2r_i^2v_ix^4-64c^2d_1d_2q_1q_i^2r_i^2v_ix^4-64c^2d_1d_2q_1q_i^2r_i^2v_ix^4-64c^2d_1d_2q_1q_i^2r_i^2v_ix^4-64c^2d_1d_2q_1q_i^2r_i^2v_ix^4-64c^2d_1d_2q_1q_i^2r_i^2v_ix^4-64c^2d_1d_2q_1q_i^2r_i^2v_ix^4-64c^2d_1d_2q_1q_i^2r_i^2v_ix^4-64c^2d_1d_2q_1q_i^2r_i^2v_ix^4-64c^2d_1d_2q_1q_i^2r_i^2v_ix^4-64c^2d_1d_2q_1q_i^2r_i^2v_ix^4-64c^2d_1d_2q_1q_i^2r_i^2v_ix^4-64c^2d_1d_2q_1q_i^2r_i^2v_ix^4-64c^2d_1d_2q_1q_i^2r_i^2v_ix^4-64c^2d_1d_2q_1q_i^2r_i^2v_ix^4-64c^2d_1d_2q_1q_i^2r_i^2v_ix^4-64c^2d_1d_2q_1q_i^2r_i^2v_ix^4-64c^2d_1d_2q_1q_i^2r_i^2v_ix^4-64c^2d_1d_2q_1q_i^2r_i^2v_ix^4-64c^2d_1d_2q_1q_i^2r_i^2v_ix^4-64c^2d_1d_2q_1q_i^2r_i^2v_ix^4-64c^2d_1d_2q_1q_i^2r_i^2v_ix^4-64c^2d_1d_2q_1q_i^2r_i^2v_ix^4-64c^2d_1d_2q_1q_i^2r_i^2v_ix^4-64c^2d_1d_2q_1q_i^2r_i^2v_ix^4-64c^2d_1d_2q_1q_i^2r_i^2v_ix^4-64c^2d_1d_2q_1q_i^2r_i^2v_ix^4-64c^2d_1d_2q_1q_i^2r_i^2v_ix^4-64c^2d_1d_2q_1q_i^2r_i^2v_ix^4-64c^2d_1d_2q_1q_i^2r_i^2v_ix^4-64c^2d_1d_2q_1q_i^2r_i^2v_ix^4-64c^2d_1d_2q_1q_i^2r_i^2v_ix^4-64c^2d_1d_2q_1q_i^2r_i^2v_ix^4-64c^2d_1d_2q_1q_i^2r_i^2v_ix^4-64c^2d_1d_2q_1q_i^2r_i^2v_ix^4-64c^2d_1d_2q_1q_i^2r_i^2v_ix^4-64c^2d_1d_2q_1q_i^2r_i^2v_ix^4-64c^2d_1d_2q_1q_i^2r_i^2v_ix^4-64c^2d_1d_2q_1q_i^2r_i^2v_ix^4-64c^2d_1d_2q_1q_i^2r_i^2v_ix^4-64c^2d_1d_2q_1q_i^2r_i^2v_ix^4-64c^2d_1d_2q_1q_i^2r_i^2v_ix^4-64c^2d_1d_2q_1q_i^2r_i^2v_ix^4-64c^2d_1d_2q_1q_1q_1^2v_ix^4-64c^2d_1d_2q_1q_1q_1^2v_ix^4-64c^2d_1d_2q_1q_1q_1^2v_ix^4-64c^2d_1d_2q_1q_1q_1q_1^2v_ix^4-64c^2d_1d_2q_1q_1q_1q_1^2v_ix^4-64c^2d_1d_2q_1q_1q_1q_1^2v_ix^4-64c^2d_1d_2q_1q_1q_1q_1^2v_ix^4-64c^2d_1d_2q_1q_1q_1q_1^2v_ix^4-64c^2d_1d_2q_1q_1q_1^2v_ix^4-64c^2d_1d_2q_1q_1q_1^2v_ix^4-64c^2d_1d_2q_1q_1q_1^2v_ix^4-64c^2d_1d_2q_1q_1q_1^2v_ix^4-64c^2d_1d_1q_1q_1q_1^2v_ix^4-64c^2d_1d_1q_1q_1q_1q_1^2v_1x^4-64c^2d_1d_1q_1q_1q_1x^4-64c^2d_1d_1q_1q_1x^4-64c^2d_1d_1q_1x^4-64c^2d_1d_1q_1x^4-64c^2d_1d_1q_1x^4-64c^2d_1d_1q_1x^4-64c^2d_1d_1q_1
                                  -64c^2d_1d_2q_1q_i^2r_i^2vx^3 + 16c^3d_1p_1^2r^2v_i^2x^2 + 64c^3d_1p_1p_irr_ivv_ix^2 - 16c^3d_1p_1q_1r^3v_i^2x + 16c^3d_1p_1q_1rv_i^2x^3
                                +16c^3d_1p_i^2r_i^2v^2x^2-32c^3d_1p_iq_1r^2r_ivv_ix+32c^3d_1p_iq_1r_ivv_ix^3+4c^3d_1q_1^2r^4v_i^2-8c^3d_1q_1^2r^2v_i^2x^2
                                 +4c^3d_1q_1^2v_i^2x^4+16c^3d_1q_i^2r_i^2v^2x^2+16c^3d_2q_i^2r^2r_i^2v^2+16c^3d_2q_i^2r_i^2v^2x^2+32c^2d_1^2p_1^2r^2r_i^2x^2
                                +32c^2d_1^2p_1^2r^2v_i^2x^2-32c^2d_1^2p_1q_1r^3r_i^2x-32c^2d_1^2p_1q_1r^3v_i^2x+32c^2d_1^2p_1q_1rr_i^2x^3+32c^2d_1^2p_1q_1rv_i^2x^3
                                +8c^2d_1^2q_1^2r^4r_i^2+8c^2d_1^2q_1^2r^4v_i^2-16c^2d_1^2q_1^2r^2r_i^2x^2-16c^2d_1^2q_1^2r^2v_i^2x^2+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+8c^2d_1^2v_i^2x^4+8c^2d_1^2v_i^2x^4+8c^2d_1^2v_i^2x^4+8c^2d_1^2v_i^2x^4+8c^2d_1^
                                 +48c^2d_1d_2p_1^2p_i^2r^2r_i^2+48c^2d_1d_2p_1^2q_i^2r^2r_i^2+8c^2d_1d_2p_1^2r^4r_i^2+16c^2d_1d_2p_1^2r^4v_i^2+16c^2d_1d_2p_1^2r^2r_i^2x^2
                                +32c^2d_1d_2p_1^2r^2v_i^2x^2+8c^2d_1d_2p_1^2r_i^2x^4+16c^2d_1d_2p_1^2v_i^2x^4+64c^2d_1d_2p_1p_ir^3r_ivv_i+64c^2d_1d_2p_1p_irr_ivv_ix^2
                                +48c^2d_1d_2p_i^2q_1^2r^2r_i^2+8c^2d_1d_2p_i^2r^4r_i^2+32c^2d_1d_2p_i^2r^2r_i^2v^2+16c^2d_1d_2p_i^2r^2r_i^2x^2+32c^2d_1d_2p_i^2r_i^2v^2x^2
                                 + \ 16c^2d_1d_2q_1^2r^4v_i^2 + 16c^2d_1d_2q_1^2r^2r_i^2x^2 + 32c^2d_1d_2q_1^2r^2v_i^2x^2 + 8c^2d_1d_2q_1^2r_i^2x^4 + 16c^2d_1d_2q_1^2v_i^2x^4 + 16c^2d_1d_2q_1^2x^4 + 16c^2d_1d_2q_1^2x^2 + 16c^2d_1d_2q_1^2x^2 + 16c^2d_1d_2q_1^2x^2 + 16c^2d_1d_2q_1^2x^2 + 16c^2d_1
                                 +8c^2d_1d_2q_i^2r^4r_i^2+32c^2d_1d_2q_i^2r^2r_i^2v^2+16c^2d_1d_2q_i^2r^2r_i^2x^2+32c^2d_1d_2q_i^2r_i^2v^2x^2+8c^2d_1d_2q_i^2r_i^2x^4+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2r_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i^2x^2+8c^2d_1d_2q_i
                                 +8c^2d_2^2q_i^2r^4r_i^2+16c^2d_2^2q_i^2r^2r_i^2x^2+8c^2d_2^2q_i^2r_i^2x^4+16cd_1^2d_2p_1^2r^4r_i^2+16cd_1^2d_2p_1^2r^4v_i^2+32cd_1^2d_2p_1^2r^2r_i^2x^2+32cd_1^2d_2p_1^2r^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2x^2+32cd_1^2d_2p_1^2x^2+32cd_1^2d_2p_1^2x^2+32cd_1^2d_2p_1^2x^2+32cd_1^2d_2p_1^2x^2+32cd_1^2d_2p_1^2x^2+32cd_1^2d_2p_1^2x^2+32cd_1^2d_2p_1^2x^2+32cd_1^2d_2p_1^2x^2+32cd_1^2d_2p_1^2x^2+32cd_1^2d_2p_1^2x^2+32cd_1^2d_2p_1^2x^2+32cd_1^2d_2p_1^2x^2+32cd_1^2d_1^2x^2+32cd_1^2d_1^2x^2+32cd_1^2x^2+32cd_1^2x^2+32cd_1^2x^2+32cd_1^2x^2+32cd_1^2x^2+32cd_1^2x^
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+\ 32cd_1^2d_2p_1^2r^2v_i^2x^2+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2v_i^2x^4+16cd_1^2d_2q_1^2r^4r_i^2+16cd_1^2d_2q_1^2r^4v_i^2+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2x^4+16cd_1^2d_2p_1^2x^4+16cd_1^2d_2p_1^2x^4+16cd_1^2d_2p_1^2x^4+16cd_1^2d_2p_1^2x^4+16cd_1^2d_2p_1^2x^4+16cd_1^2d_2p_1^2x^4+16cd_1^2d_2p_1^2x^4+16cd_1^2d_2p_1^2x^4+16cd_1^2d_2p_1^2x^4+16cd_1^2d_2p_1^2x^4+16cd_1^2d_2p_1^2x^4+16cd_1^2d_2p_1^2x^4+16cd_1^2d_2p_1^2x^4+16cd_1^2d_2p_1^2x^4+16cd_1^2d_2p_1^2x^4+16cd_1^2d_2p_1^2x^4+16cd_1^2x^4+16cd_1^2x^4
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 +32cd_1d_2^2p_i^2r^2r_i^2x^2+16cd_1d_2^2p_i^2r_i^2x^4+16cd_1d_2^2q_i^2r^4r_i^2+32cd_1d_2^2q_i^2r^2r_i^2x^2+16cd_1d_2^2q_i^2r_i^2x^4
  -16c^3d_1p_1rvv_i^2x^2-16c^3d_1p_ir_iv^2v_ix^2+8c^3d_1q_1r^2vv_i^2x-8c^3d_1q_1vv_i^2x^3-32c^2d_1^2p_1rr_i^2vx^2
  -32c^2d_1^2p_1rvv_i^2x^2+16c^2d_1^2q_1r^2r_i^2vx+16c^2d_1^2q_1r^2vv_i^2x-16c^2d_1^2q_1r_i^2vx^3-16c^2d_1^2q_1vv_i^2x^3
  -48r^2v_ip_1^2p_ir_id_2c^2d_1-48rp_1p_i^2vr_i^2d_2c^2d_1-48rq_i^2p_1vr_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3r_i^2v-32c^2d_1d_2p_1r^3vv_i^2d_2c^2d_1-48rq_i^2p_1vr_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3r_i^2v-32c^2d_1d_2p_1r^3vv_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3r_i^2v-32c^2d_1d_2p_1r^3vv_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3r_i^2v-32c^2d_1d_2p_1r^3vv_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3r_i^2v-32c^2d_1d_2p_1r^3vv_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3vv_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3vv_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3vv_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3vv_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3vv_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3v_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3v_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3v_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3v_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3v_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3v_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3v_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3v_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3v_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3v_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3v_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3v_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3v_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3v_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3v_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3v_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3v_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3v_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3v_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3v_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3v_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3v_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3v_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3v_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3v_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3v_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3v_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3v_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3v_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3v_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3v_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3v_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3v_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3v_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3v_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3v_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3v_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3v_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3v_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3v_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3v_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3v_i^2d_2c^2d_1-16c^2d_1d_2p_1r^3v_i^2d_2c^2d_1-16c^2d_1d_2v_i^2d_2c^2d_1-16c^2d_1d_2v_i^2d_2c^2d_1-16c^2d_1d_2v_i^2d_2c^2d_1-16c^2d_1d_2v_i^2d_2c^2d_1-16c
  -16c^2d_1d_2p_1rr_i^2vx^2 - 32c^2d_1d_2p_1rv_i^2x^2 - 48r^2v_iq_1^2p_ir_id_2c^2d_1 - 8c^2d_1d_2p_ir^4r_iv_i - 32c^2d_1d_2p_ir^2r_iv^2v_i
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  -16c^2d_1d_2q_1r_i^2vx^3 - 32c^2d_1d_2q_1vv_i^2x^3 - 32cd_1^2d_2p_1r^3r_i^2v - 32cd_1^2d_2p_1r^3vv_i^2 - 32cd_1^2d_2p_1rr_i^2vx^2
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  -16cd_1d_2^2p_ir^4r_iv_i - 32cd_1d_2^2p_ir^2r_iv_ix^2 - 16cd_1d_2^2p_ir_iv_ix^4 + 4c^3d_1v^2v_i^2x^2 + 8c^2d_1^2r_i^2v^2x^2
 +8c^2d_1^2v^2v_i^2x^2+12r^2v_i^2p_1^2d_2c^2d_1+48rv_ip_1p_ivr_id_2c^2d_1+12p_i^2v^2r_i^2d_2c^2d_1+12r^2v_i^2q_1^2d_2c^2d_1
 + 12q_1^2v^2r_1^2d_2c^2d_1 + 2c^2d_1d_2r^4v_1^2 + 8c^2d_1d_2r^2r_1^2v^2 + 16c^2d_1d_2r^2v^2v_1^2 + 4c^2d_1d_2r^2v_1^2x^2 + 8c^2d_1d_2r_1^2v^2x^2 + 8
 +16c^2d_1d_2v^2v_i^2x^2+2c^2d_1d_2v_i^2x^4+12c^2d_2^2q_i^2r_i^2v^2+24r^2p_1^2r_i^2d_2cd_1^2+24r^2v_i^2p_1^2d_2cd_1^2
 +24r^2q_1^2r_2^2d_2cd_1^2+24r^2v_2^2q_1^2d_2cd_1^2+4cd_1^2d_2r^4r_2^2+4cd_1^2d_2r^4v_2^2+16cd_1^2d_2r^2r_2^2v^2+8cd_1^2d_2r^2r_2^2x^2
+16cd_1^2d_2r^2v^2v_i^2+8cd_1^2d_2r^2v_i^2x^2+16cd_1^2d_2r_i^2v^2x^2+4cd_1^2d_2r_i^2x^4+16cd_1^2d_2v^2v_i^2x^2+4cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^
 +24p_{i}^{2}r^{2}r_{i}^{2}d_{2}^{2}cd_{1}+24cd_{1}d_{2}^{2}p_{i}^{2}r_{i}^{2}v^{2}+24q_{i}^{2}r^{2}r_{i}^{2}d_{2}^{2}cd_{1}+24cd_{1}d_{2}^{2}q_{i}^{2}r_{i}^{2}v^{2}+4cd_{1}d_{2}^{2}r^{4}r_{i}^{2}+8cd_{1}d_{2}^{2}r^{4}v_{i}^{2}
+8c{d_1}{d_2^2}{r^2}r_i^2{x^2} + 16c{d_1}{d_2^2}{r^2}v_i^2{x^2} + 4c{d_1}{d_2^2}r_i^2{x^4} + 8c{d_1}{d_2^2}v_i^2{x^4} + 8d_1^2{d_2^2}{r^4}r_i^2 + 8d_1^2{d_2^2}{r^4}v_i^2 + 16d_1^2{d_2^2}{r^2}r_i^2{x^2} + 4c{d_1}{d_2^2}r_i^2{x^4} + 8c{d_1}{d_2^2}v_i^2{x^4} + 8d_1^2{d_2^2}r_i^4{x^2} + 8d_1^2{d_2^2}r_i^4{x^2} + 16d_1^2{d_2^2}r_i^2{x^2} + 4c{d_1}{d_2^2}r_i^2{x^4} + 8c{d_1}{d_2^2}v_i^2{x^4} + 8d_1^2{d_2^2}r_i^4{x^2} + 8d_1^2{d_2^2}r_i^4{x^2} + 16d_1^2{d_2^2}r_i^2{x^2} + 4c{d_1}{d_2^2}r_i^2{x^4} + 8c{d_1}{d_2^2}r_i^2{x^4} + 8d_1^2{d_2^2}r_i^4{x^2} + 8d_1^2{d_2^2}r_i^4{x^2} + 16d_1^2{d_2^2}r_i^2{x^2} + 4c{d_1}{d_2^2}r_i^2{x^4} + 8c{d_1}{d_2^2}r_i^2{x^4} + 8d_1^2{d_2^2}r_i^4{x^2} + 8d_1^2{d_2^2}r_i^4{x^2} + 8d_1^2{d_2^2}r_i^2{x^2} + 8d_1^2{d_
 +16d_1^2d_2^2r^2v_i^2x^2+8d_1^2d_2^2r_i^2x^4+8d_1^2d_2^2v_i^2x^4-12rv_i^2p_1vd_2c^2d_1-12p_iv_iv^2r_id_2c^2d_1-24rp_1vr_i^2d_2cd_1^2+r_1^2v_i^2d_2cd_1^2+r_1^2v_i^2d_2cd_1^2+r_1^2v_i^2d_2cd_1^2+r_1^2v_i^2d_2cd_1^2+r_1^2v_i^2d_2cd_1^2+r_1^2v_i^2d_2cd_1^2+r_1^2v_i^2d_2cd_1^2+r_1^2v_i^2d_2cd_1^2+r_1^2v_i^2d_2cd_1^2+r_1^2v_i^2d_2cd_1^2+r_1^2v_i^2d_2cd_1^2+r_1^2v_i^2d_2cd_1^2+r_1^2v_i^2d_2cd_1^2+r_1^2v_i^2d_2cd_1^2+r_1^2v_i^2d_2cd_1^2+r_1^2v_i^2d_2cd_1^2+r_1^2v_i^2d_2cd_1^2+r_1^2v_i^2d_2cd_1^2+r_1^2v_i^2d_2cd_1^2+r_1^2v_i^2d_2cd_1^2+r_1^2v_i^2d_2cd_1^2+r_1^2v_i^2d_2cd_1^2+r_1^2v_i^2d_2cd_1^2+r_1^2v_i^2d_2cd_1^2+r_1^2v_i^2d_2cd_1^2+r_1^2v_i^2d_2cd_1^2+r_1^2v_i^2d_2cd_1^2+r_1^2v_i^2d_2cd_1^2+r_1^2v_i^2d_2cd_1^2+r_1^2v_i^2d_2cd_1^2+r_1^2v_i^2d_2cd_1^2+r_1^2v_i^2d_2cd_1^2+r_1^2v_i^2d_2cd_1^2+r_1^2v_i^2d_2cd_1^2+r_1^2v_i^2d_2cd_1^2+r_1^2v_i^2d_2cd_1^2+r_1^2v_i^2d_2cd_1^2+r_1^2v_i^2d_2cd_1^2+r_1^2v_i^2d_2cd_1^2+r_1^2v_i^2d_2cd_1^2+r_1^2v_i^2d_2cd_1^2+r_1^2v_i^2d_2cd_1^2+r_1^2v_i^2d_2cd_1^2+r_1^2v_i^2d_2cd_1^2+r_1^2v_i^2d_2cd_1^2+r_1^2v_i^2d_2cd_1^2+r_1^2v_i^2d_2cd_1^2+r_1^2v_i^2d_2cd_1^2+r_1^2v_i^2d_2cd_1^2+r_1^2v_i^2d_2cd_1^2+r_1^2v_i^2d_2c_1^2+r_1^2v_i^2d_2c_1^2+r_1^2v_i^2d_2c_1^2+r_1^2v_i^2d_2c_1^2+r_1^2v_i^2d_2c_1^2+r_1^2v_i^2d_2c_1^2+r_1^2v_i^2d_2c_1^2+r_1^2v_i^2d_2c_1^2+r_1^2v_i^2d_2c_1^2+r_1^2v_i^2d_2c_1^2+r_1^2v_i^2d_2c_1^2+r_1^2v_i^2d_2c_1^2+r_1^2v_i^2d_2c_1^2+r_1^2v_i^2d_2c_1^2+r_1^2v_i^2d_2c_1^2+r_1^2v_i^2d_2c_1^2+r_1^2v_i^2d_2c_1^2+r_1^2v_i^2d_2c_1^2+r_1^2v_i^2d_2c_1^2+r_1^2v_i^2d_2c_1^2+r_1^2v_i^2d_2c_1^2+r_1^2v_i^2d_2c_1^2+r_1^2v_i^2d_2c_1^2+r_1^2v_i^2d_2c_1^2+r_1^2v_i^2d_2c_1^2+r_1^2v_i^2d_2c_1^2+r_1^2v_i^2d_2c_1^2+r_1^2v_i^2d_2c_1^2+r_1^2v_i^2d_2c_1^2+r_1^2v_i^2d_2c_1^2+r_1^2v_i^2d_2c_1^2+r_1^2v_i^2d_2c_1^2+r_1^2v_i^2d_2c_1^2+r_1^2v_i^2d_2c_1^2+r_1^2v_i^2d_2c_1^2+r_1^2v_i^2d_2c_1^2+r_1^2v_i^2d_2c_1^2+r_1^2v_i^2d_2c_1^2+r_1^2v_i^2d_2c_1^2+r_1^2v_i^2d_2c_1^2+r_1^2v_i^2d_2c_1^2+r_1^2v_i^2d_2c_1^2+r_1^2v_i^2d_2c_1^2+r_1^2v_i^2d_2c_1^2+r_1^2v_i^2d_2c_1^2+r_1^2v_i^2d_2c_1^2+r_1^2v_i^2d_2c_1^2+r_1^2v_i^2d_2c_1^2
  -24rv_i^2p_1vd_2cd_1^2-24r^2v_ip_ir_id_2^2cd_1-24cd_1d_2^2p_ir_iv^2v_i+3v_i^2v^2d_2c^2d_1+6v^2r_i^2d_2cd_1^2+6v_i^2v^2d_2cd_1^2
+6r^2v_i^2d_2^2cd_1+6cd_1d_2^2r_i^2v^2+12cd_1d_2^2v^2v_i^2+12r^2r_i^2d_2^2d_1^2+12r^2v_i^2d_2^2d_1^2+12d_1^2d_2^2r_i^2v^2+12d_1^2d_2^2v^2v_i^2)
```

## • 12 × 12

$$\frac{4}{c^6}(64c^3d_1p_1^2p_i^2r^2r_i^2x^2 + 64c^3d_1p_1^2q_i^2r^2r_i^2x^2 - 64c^3d_1p_1p_i^2q_1r^3r_i^2x + 64c^3d_1p_1p_i^2q_1rr_i^2x^3 \\ - 64c^3d_1p_1q_1^2r^2r_i^2x + 64c^3d_1p_1q_1q_i^2rr_i^2x^3 + 16c^3d_1p_i^2q_1^2r^4r_i^2 - 32c^3d_1p_i^2q_1^2r^2r_i^2x^2 + 16c^3d_1p_i^2q_1^2r_i^2x^4 \\ + 16c^3d_1q_1^2q_i^2r^4r_i^2 - 32c^3d_1q_1^2q_i^2r^2r_i^2x^2 + 16c^3d_1q_1^2q_i^2r_i^2x^4 + 16c^3d_2p_1^2q_i^2r^4r_i^2 + 32c^3d_2p_1^2q_i^2r^2r_i^2x^2 \\ + 16c^3d_2p_1^2q_i^2r_i^2x^4 + 16c^3d_2q_1^2q_i^2r^4r_i^2 + 32c^3d_2q_1^2q_i^2r^2r_i^2x^2 + 16c^3d_2q_1^2q_i^2r_i^2x^4 + 32c^2d_1d_2p_1^2p_i^2r_i^2x^4 + 32c^2d_1d_2p_1^2q_i^2r_i^2x^2 + 64c^2d_1d_2p_1^2q_i^2r_i^2x^2 + 32c^2d_1d_2q_1^2q_i^2r_i^2x^2 + 64c^3d_1p_1p_i^2r_i^2x^2 + 64c^2d_1d_2p_1^2q_i^2r_i^2x^2 + 32c^2d_1d_2q_1^2q_i^2r_i^2x^2 + 64c^3d_1p_1p_i^2r_i^2x^2 + 64c^3d_1p_1p_i^2r_i^2x^2 + 64c^3d_1p_1p_i^2r_i^2x^2 + 32c^3d_1p_1q_1^2r_i^2x^2 + 32c^3d_1p_1q_1^2r_i^2x^2 + 32c^3d_1p_1q_1^2r_i^2x^2 + 64c^3d_1p_1p_1q_1r_i^2x^2 + 64c^3d_1p_1p_1q_1r_i^2x^2 + 64c^3d_1p_1p_1q_1r_i^2x^2 + 64c^3d_1p_1p_1q_1r_i^2x^2 + 64c^3d_1p_1p_1q_1r_i^2x^2 + 64c^3d_1p_1p_1q_1r_i^2x^2 + 64c^3d_1p_1q_1^2r_1^2x^2 + 32c^3d_2p_1q_1^2r_1^2x^2 + 32c$$

```
+ 16c^3d_1q_i^2r_i^2v^2x^2 + 16c^3d_2q_i^2r^2r_i^2v^2 + 16c^3d_2q_i^2r_i^2v^2x^2 + 32c^2d_1^2p_1^2r^2r_i^2x^2 + 32c^2d_1^2p_1^2r^2v_i^2x^2
  -32c^2d_1^2p_1q_1r^3r_i^2x - 32c^2d_1^2p_1q_1r^3v_i^2x + 32c^2d_1^2p_1q_1rr_i^2x^3 + 32c^2d_1^2p_1q_1rv_i^2x^3 + 8c^2d_1^2q_1^2r^4r_i^2x^2 + 32c^2d_1^2p_1q_1rv_i^2x^3 + 8c^2d_1^2q_1^2r^4r_i^2x^2 + 32c^2d_1^2p_1q_1rv_i^2x^2 + 32c^2d_1^2p_1^2x^2 + 32c^2d_1^2p_1^2x^2 + 32c^2d_1^2x^2 + 32c^2d_1^2x^2 + 32c^2d_1^2x^2 + 32c^2d_1^2x^2 + 32c^2d_1^2x^2 + 32c^2d_1^2x^2 + 3
 +8c^2d_1^2q_1^2r^4v_i^2-16c^2d_1^2q_1^2r^2r_i^2x^2-16c^2d_1^2q_1^2r^2v_i^2x^2+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+48c^2d_1d_2p_1^2p_i^2r^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2x^4+8c^2d_1^2q_1^2x^4+8c^2d_1^2q_1^2x^4+8c^2d_1^2q_1^2x^4+8c^2d_1^2q_1^2x^4+8c^2d_1^2q_1^2x^4+8c^2d_1^2q_1^2x^4+8c^2d_1^2q_1^2x^4+8c^2d_1^2q_1^2x^4+8c^2d_1^2q_1^2x^4+8c^2d_1^2q_1^2x^4+8c^2d_1^2q_1^2x^4+8c^2d_1^2q_1^2x^4+8c^2d_1^2x^4+8c^2d_1^2x^2x^4+8c^2d_1^2x^4+8c^2d_1^2x^4+8c^2d_1^2x^4+8c^2d_1^2x^4+8c^2d_1^
 +\ 48c^2d_1d_2p_1^2q_i^2r^2r_i^2+8c^2d_1d_2p_1^2r^4r_i^2+16c^2d_1d_2p_1^2r^4v_i^2+16c^2d_1d_2p_1^2r^2r_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2+32c^2d_1d_2p_1^2x^2+3c^2d_1d_2p_1^2x^2+3c^2d_1d_2p_1^2x^2+3c^2d_1d_2p_1^2x^2+3c^2d_1d_2p_1^2x^2+3c^2d_1d_2p_1^2x^2+3c^2d_1d_2p_1^2x^2+3c^2d_1d_2p_1^2x^2+3c^2d_1d_2p_1^2x^2+3c^2d_1d_2p_1^2x^2+3c^2d_1d_2p_1^2x^2+3c^2d_1d_2p_1^2x^2+3c^2d_1d_2p_1^2x^2+3c^2d_1d_2p_1^2x^2+3c^2d_1d_2p_1^2x^2+3c^2d_1d_2p_1^2x^2+3c^2d_1d_2p_1^2x^2+3c^2d_1d_2p_1^2x^2+3c^2d_1d_2p_1^2x^2+3c^2d_1d_2p_1^2x^2+3c^2d_1d_2p_1
 +8c^2d_1d_2p_1^2r_i^2x^4+16c^2d_1d_2p_1^2v_i^2x^4+64c^2d_1d_2p_1p_ir^3r_ivv_i+64c^2d_1d_2p_1p_irr_ivv_ix^2
 +48c^2d_1d_2p_i^2q_1^2r^2r_i^2+8c^2d_1d_2p_i^2r^4r_i^2+32c^2d_1d_2p_i^2r^2r_i^2v^2+16c^2d_1d_2p_i^2r^2r_i^2x^2+32c^2d_1d_2p_i^2r_i^2v^2x^2
 +8c^2d_1d_2p_i^2r_i^2x^4+64c^2d_1d_2p_iq_1r^2r_ivv_ix+64c^2d_1d_2p_iq_1r_ivv_ix^3+48c^2d_1d_2q_1^2q_i^2r^2r_i^2+8c^2d_1d_2q_1^2r^4r_i^2
 +16c^2d_1d_2q_1^2r^4v_i^2+16c^2d_1d_2q_1^2r^2r_i^2x^2+32c^2d_1d_2q_1^2r^2v_i^2x^2+8c^2d_1d_2q_1^2r_i^2x^4+16c^2d_1d_2q_1^2v_i^2x^4
  +8c^2d_1d_2q_i^2r^4r_i^2+32c^2d_1d_2q_i^2r^2r_i^2v^2+16c^2d_1d_2q_i^2r^2r_i^2x^2+32c^2d_1d_2q_i^2r_i^2v^2x^2+8c^2d_1d_2q_i^2r_i^2x^4
 +8c^2d_2^2q_i^2r^4r_i^2+16c^2d_2^2q_i^2r^2r_i^2x^2+8c^2d_2^2q_i^2r_i^2x^4+16cd_1^2d_2p_1^2r^4r_i^2+16cd_1^2d_2p_1^2r^4v_i^2+32cd_1^2d_2p_1^2r^2r_i^2x^2
 +32cd_1^2d_2p_1^2r^2v_i^2x^2+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2v_i^2x^4+16cd_1^2d_2q_1^2r^4r_i^2+16cd_1^2d_2q_1^2r^4v_i^2
 +32cd_1^2d_2q_1^2r^2r_i^2x^2+32cd_1^2d_2q_1^2r^2v_i^2x^2+16cd_1^2d_2q_1^2r_i^2x^4+16cd_1^2d_2q_1^2v_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2r_i^2x^4+16cd_1d_2^2r_i^2x^4+16cd_1d_2^2r_i^2x^4+16cd_1d_2^2r_i^2x^4+16cd_1d_2^2r_i^2x^4+16cd_1d_2^2r_i^2x^4+16cd_1d_2^2r_i^2x^4+16cd_1d_2^2r_i^2x^4+16cd_1d_2^2r_i^2x^4+16cd_1d_2^2r_i^2x^4+16cd_1d_2^2r_i^2x^4+16cd_1d_2^2r_i^2x^4+16cd_1d_2^2r_i^2x^4+16cd_1d_2^2r_i^2x^4+16cd_1d_2^2r_i^2x^4+16cd_1d_2^2r_i^2x^4+16cd_1d_2^2r_i^2x^4+1
+32cd_1d_2^2p_i^2r^2r_i^2x^2+16cd_1d_2^2p_i^2r_i^2x^4+16cd_1d_2^2q_i^2r^4r_i^2+32cd_1d_2^2q_i^2r^2r_i^2x^2+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2r_i^2x^4+16cd_1d_2^2q_i^2x^4+16cd_1d_2^2q_i^2x^4+16cd_1d_2^2q_i^2x^4+16cd_1d_2^2q_i^2x^4+16cd_1d_2^2q_i^2x^4+16cd_1d_2^2q_i^2x^4+16cd_1d_2^2q_i^2x^4+16cd_1d_2^2q_i^2x^4+16cd_1d_2^2q_i^2x^4+16cd_1d_2^2q_i^2x^4+16cd_1d_2^2q_i^2x^4+16cd_1d_2^2q_i^2x^4+16cd_1d_2^2q_i^2x^4+16cd_1d_2^2q_i^2x^4+16cd_1d_2^2q_i^2x^4+16cd_1d_2^2q_i^2x^4+16cd_1d_2^2q_i^2x
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  -32cd_1^2d_2q_1r_i^2vx^3 - 32cd_1^2d_2q_1vv_i^2x^3 - 16cd_1d_2^2p_ir^4r_iv_i - 32cd_1d_2^2p_ir^2r_iv_ix^2 - 16cd_1d_2^2p_ir_iv_ix^4
 +\ 4c^3d_1v^2v_i^2x^2+8c^2d_1^2r_i^2v^2x^2+8c^2d_1^2v^2v_i^2x^2+12c^2d_1d_2p_1^2r^2v_i^2+48c^2d_1d_2p_1p_irr_ivv_i+12c^2d_1d_2p_i^2r_i^2v^2+48c^2d_1d_2p_1p_irr_ivv_i+12c^2d_1d_2p_1^2r_i^2v^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2v_i^2v_i^2+48c^2d_1d_2p_1^2v_i^2v_i^2+48c^2d_1d_2p_1^2v_i^2v_i^2+48c^2d_1d_2p_1^2v_i^2v_i^2+48c^2d_1d_2p_1^2v_i^2v_i^2+48c^2d_1d_2p_1^2v_i^2v_i^2+48c^2d_1d_2p_1^2v_i^2v_i^2+48c^2d_1d_2p_1^2v_i^2v_i^2+48c^2d_1d_2p_1^2v_i^2v_i^2+48c^2d_1d_2p_1^2v_i^2v_i^2+48c^2d_1d_2p_1^2v_i^2v_i^2+48c^2d_1d_2v_i^2v_i^2+48c^2d_1d_2v_i^2v_i^2+48c^2d_1d_2v_i^2v_i^2+48c^2d_1d_2v_i^2v_i^2+48c^2d_1d_
 +12c^2d_1d_2q_1^2r^2v_i^2+12c^2d_1d_2q_i^2r_i^2v^2+2c^2d_1d_2r^4v_i^2+8c^2d_1d_2r^2r_i^2v^2+16c^2d_1d_2r^2v^2v_i^2+4c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_
 +8c^2d_1d_2r_i^2v^2x^2+16c^2d_1d_2v^2v_i^2x^2+2c^2d_1d_2v_i^2x^4+12c^2d_2^2q_i^2r_i^2v^2+24cd_1^2d_2p_1^2r^2r_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2v_i^2+24cd_1^2d_2p_1^2v_i^2+24cd_1^2d_2p_1^2v_i^2+24cd_1^2d_2p_1^2v_i^2+24cd_1^2d_2p_1^2v_i^2+24cd_1^2d_2p_1^2v_i^2+24cd_1^2d_2p_1^2v_i^2+24cd_1^2d_2p_1^2v_i^2+24cd_1^2d_2p_1^2v_i^2+24cd_1^2d_2p_1^2v_i^2+24cd_1^2d_2p_1^2v_i^2+24cd_1^2d_2p_1^2v_i^2+24cd_1^2d_2p_1^2v_i^2+24cd_1^2d_2p_1^2v_i^2+24cd_1^2d_2p_1^2v_i^2+24cd_1^2d_2p_1^2v_i^2+24cd_1^2d_2p_1^2v_i^2+24cd_1^2d_2p_1^2v_i^2+24cd_1^2d_2p_1^2v_i^2+24cd_1^2d_2p_1^2v_i^2+24cd_1^2d_2p_1^2v_i^2+24cd_1^2d_2p_1^2v_i^2+24cd_1^2d_2p_1^2v_i^2+24cd_1^2d_2p_1^2v_i^2+24cd_1^2d_2p_1^2v_i^2+24cd_1^2d_2p_1^2v_i^2+24cd_1^2d_2p_1^2v_i^2+24cd_1^2d_2p_1^2v_i^2+24cd_1^2d_2p_1
 +24cd_1^2d_2q_1^2r^2r_i^2+24cd_1^2d_2q_1^2r^2v_i^2+4cd_1^2d_2r^4r_i^2+4cd_1^2d_2r^4v_i^2+16cd_1^2d_2r^2r_i^2v^2+8cd_1^2d_2r^2r_i^2x^2
 +16cd_1^2d_2r^2v^2v_i^2+8cd_1^2d_2r^2v_i^2x^2+16cd_1^2d_2r_i^2v^2x^2+4cd_1^2d_2r_i^2x^4+16cd_1^2d_2v^2v_i^2x^2+4cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^
 +24cd_1d_2^2p_i^2r^2r_i^2+24cd_1d_2^2p_i^2r_i^2v^2+24cd_1d_2^2q_i^2r^2r_i^2+24cd_1d_2^2q_i^2r_i^2v^2+4cd_1d_2^2r^4r_i^2+8cd_1d_2^2r^4v_i^2
 +8cd_1d_2^2r^2r_i^2x^2+16cd_1d_2^2r^2v_i^2x^2+4cd_1d_2^2r_i^2x^4+8cd_1d_2^2v_i^2x^4+8d_1^2d_2^2r^4r_i^2+8d_1^2d_2^2r^4v_i^2
 +16d_1^2d_2^2r^2r_i^2x^2+16d_1^2d_2^2r^2v_i^2x^2+8d_1^2d_2^2r_i^2x^4+8d_1^2d_2^2v_i^2x^4-12c^2d_1d_2p_1rvv_i^2-12c^2d_1d_2p_ir_iv^2v_i
  -24cd_1^2d_2p_1rr_i^2v - 24cd_1^2d_2p_1rvv_i^2 - 24cd_1d_2^2p_ir^2r_iv_i - 24cd_1d_2^2p_ir_iv^2v_i + 3c^2d_1d_2v^2v_i^2
+6cd_1^2d_2r_i^2v^2+6cd_1^2d_2v^2v_i^2+6cd_1d_2^2r^2v_i^2+6cd_1d_2^2r_i^2v^2+12cd_1d_2^2v^2v_i^2+12d_1^2d_2^2r^2r_i^2
 +12d_1^2d_2^2r^2v_i^2+12d_1^2d_2^2r_i^2v^2+12d_1^2d_2^2v^2v_i^2)(16c^2p_2^2x^2-32c^2p_2q_2rx+16c^2q_2^2r^2+4c^2p_2^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^2q_2^2r^2+4c^
+4c^2r^2+4c^2x^2+8cd_3p_2^2+8cd_3q_2^2+8cd_3r^2+8cd_3x^2+c^2+4cd_3+4d_3^2
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## • 13 × 13

$$\frac{4}{c^{6}}(64c^{3}d_{1}p_{1}^{2}p_{i}^{2}r^{2}r_{i}^{2}x^{2}+64c^{3}d_{1}p_{1}^{2}q_{i}^{2}r^{2}r_{i}^{2}x^{2}-64c^{3}d_{1}p_{1}p_{i}^{2}q_{1}r^{3}r_{i}^{2}x+64c^{3}d_{1}p_{1}p_{i}^{2}q_{1}rr_{i}^{2}x^{3}\\ -64c^{3}d_{1}p_{1}q_{1}q_{i}^{2}r^{3}r_{i}^{2}x+64c^{3}d_{1}p_{1}q_{1}q_{i}^{2}rr_{i}^{2}x^{3}+16c^{3}d_{1}p_{i}^{2}q_{1}^{2}r^{4}r_{i}^{2}-32c^{3}d_{1}p_{i}^{2}q_{1}^{2}r^{2}r_{i}^{2}x^{2}+16c^{3}d_{1}p_{i}^{2}q_{1}^{2}r_{i}^{2}x^{4}\\ +16c^{3}d_{1}q_{1}^{2}q_{i}^{2}r^{4}r_{i}^{2}-32c^{3}d_{1}q_{1}^{2}q_{i}^{2}r^{2}r_{i}^{2}x^{2}+16c^{3}d_{1}q_{1}^{2}q_{i}^{2}r_{i}^{2}x^{4}+16c^{3}d_{2}p_{1}^{2}q_{i}^{2}r^{4}r_{i}^{2}+32c^{3}d_{2}p_{1}^{2}q_{i}^{2}r^{2}r_{i}^{2}x^{2}\\ +16c^{3}d_{2}p_{1}^{2}q_{i}^{2}r_{i}^{2}x^{4}+16c^{3}d_{2}q_{1}^{2}q_{i}^{2}r^{4}r_{i}^{2}+32c^{3}d_{2}q_{1}^{2}q_{i}^{2}r^{2}r_{i}^{2}x^{2}+16c^{3}d_{2}q_{1}^{2}q_{i}^{2}r_{i}^{2}x^{4}+32c^{2}d_{1}d_{2}p_{1}^{2}p_{i}^{2}r^{4}r_{i}^{2}$$

```
+64c^2d_1d_2p_1^2p_i^2r^2r_i^2x^2+32c^2d_1d_2p_1^2p_i^2r_i^2x^4+32c^2d_1d_2p_1^2q_i^2r^4r_i^2+64c^2d_1d_2p_1^2q_i^2r^2r_i^2x^2
 +32c^2d_1d_2p_1^2q_1^2r_1^2x^4+32c^2d_1d_2p_1^2q_1^2r^4r_1^2+64c^2d_1d_2p_1^2q_1^2r^2r_1^2x^2+32c^2d_1d_2p_1^2q_1^2r_1^2x^4+32c^2d_1d_2p_1^2q_1^2r_1^2x^4+32c^2d_1d_2p_1^2q_1^2r_1^2x^4+32c^2d_1d_2p_1^2q_1^2r_1^2x^4+32c^2d_1d_2p_1^2q_1^2r_1^2x^4+32c^2d_1d_2p_1^2q_1^2r_1^2x^4+32c^2d_1d_2p_1^2q_1^2r_1^2x^4+32c^2d_1d_2p_1^2q_1^2r_1^2x^4+32c^2d_1d_2p_1^2q_1^2r_1^2x^4+32c^2d_1d_2p_1^2q_1^2r_1^2x^4+32c^2d_1d_2p_1^2q_1^2r_1^2x^4+32c^2d_1d_2p_1^2q_1^2r_1^2x^4+32c^2d_1d_2p_1^2q_1^2r_1^2x^4+32c^2d_1d_2p_1^2q_1^2r_1^2x^4+32c^2d_1d_2p_1^2q_1^2r_1^2x^4+32c^2d_1d_2p_1^2q_1^2r_1^2x^4+32c^2d_1d_2p_1^2q_1^2x^4+32c^2d_1d_2p_1^2q_1^2x^4+32c^2d_1d_2p_1^2q_1^2x^4+32c^2d_1d_2p_1^2q_1^2x^4+32c^2d_1d_2p_1^2q_1^2x^4+32c^2d_1d_2p_1^2q_1^2x^4+32c^2d_1d_2p_1^2q_1^2x^4+32c^2d_1d_2p_1^2q_1^2x^4+32c^2d_1d_2p_1^2q_1^2x^4+32c^2d_1d_2p_1^2q_1^2x^4+32c^2d_1d_2p_1^2q_1^2x^4+32c^2d_1d_2p_1^2q_1^2x^4+32c^2d_1d_2p_1^2q_1^2x^4+32c^2d_1d_2p_1^2q_1^2x^4+32c^2d_1d_2p_1^2q_1^2x^4+32c^2d_1d_2p_1^2q_1^2x^4+32c^2d_1d_2p_1^2q_1^2x^4+32c^2d_1d_2p_1^2q_1^2x^4+32c^2d_1d_2p_1^2q_1^2x^4+32c^2d_1d_2p_1^2q_1^2x^4+32c^2d_1d_2p_1^2q_1^2x^4+32c^2d_1d_2p_1^2q_1^2x^4+32c^2d_1d_2p_1^2q_1^2x^4+32c^2d_1d_2p_1^2x^4+32c^2d_1d_2p_1^2x^4+32c^2d_1d_2p_1^2x^4+32c^2d_1d_2p_1^2x^4+32c^2d_1d_2p_1^2x^4+32c^2d_1d_2p_1^2x^4+32c^2d_1d_2p_1^2x^4+32c^2d_1d_2p_1^2x^4+32c^2d_1d_2p_1^2x^4+32c^2d_1d_2p_1^2x^4+32c^2d_1d_2p_1^2x^4+32c^2d_1d_2p_1^2x^4+32c^2d_1d_2p_1^2x^4+32c^2d_1d_2p_1^2x^4+3c^2d_1d_2p_1^2x^4+3c^2d_1d_2p_1^2x^4+3c^2d_1d_2p_1^2x^4+3c^2d_1d_2p_1^2x^4+3c^2d_1d_2p_1^2x^4+3c^2d_1d_2p_1^2x^4+3c^2d_1d_2p_1^2x^4+3c^2d_1d_2p_1^2x^4+3c^2d_1d_2p_1^2x^4+3c^2d_1d_2p_1^2x^4+3c^2d_1d_2p_1^2x^4+3c^2d_1d_2p_1^2x^4+3c^2d_1d_2p_1^2x^4+3c^2d_1d_2p_1^2x^4+3c^2d_1d_2p_1^2x^4+3c^2d_1d_2p_1^2x^4+3c^2d_1d_2p_1^2x^4+3c^2d_1d_2p_1^2x^4+3c^2d_1d_2p_1^2x^4+3c^2d_1d_2p_1^2x^4+3c^2d_1d_2p_1^2x^4+3c^2d_1d_2p_1^2x^4+3c^2d_1d_2p_1^2x^4+3c^2d_1d_2p_1^2x^4+3c^2d_1d_2p_1^2x^4+3c^2d_1d_2p_1^2x^4+3c^2d_1d_2p_1^2x^4+3c^2d_1d_2p_1^2x^4+3c^2d_1d_2p_1^2x^4+3c^2d_1d_2p_1^2x^4+3c^2d_1d_2p_1^2x^4+3c^2d_1d_2p_1^2x^4+3c^2d_1
 +32c^2d_1d_2q_1^2q_i^2r^4r_i^2+64c^2d_1d_2q_1^2q_i^2r^2r_i^2x^2+32c^2d_1d_2q_1^2q_i^2r_i^2x^4-64c^3d_1p_1^2p_ir^2r_iv_ix^2
  -64c^3d_1p_1p_i^2rr_i^2vx^2 + 64c^3d_1p_1p_iq_1r^3r_iv_ix - 64c^3d_1p_1p_iq_1rr_iv_ix^3 - 64c^3d_1p_1q_i^2rr_i^2vx^2
+32c^3d_1p_i^2q_1r^2r_i^2vx -32c^3d_1p_i^2q_1r_i^2vx^3 -16c^3d_1p_iq_1^2r^4r_iv_i +32c^3d_1p_iq_1^2r^2r_iv_ix^2 -16c^3d_1p_iq_1^2r_iv_ix^4
 +32c^3d_1q_1q_i^2r^2r_i^2vx -32c^3d_1q_1q_i^2r_i^2vx^3 -32c^3d_2p_1q_i^2r^3r_i^2v -32c^3d_2p_1q_i^2rr_i^2vx^2 -32c^3d_2q_1q_i^2r^2r_i^2vx
  -32c^3d_2q_1q_1^2r_1^2vx^3 - 32c^2d_1d_2p_1^2p_ir^4r_iv_i - 64c^2d_1d_2p_1^2p_ir^2r_iv_ix^2 - 32c^2d_1d_2p_1^2p_ir_iv_ix^4
  -64c^2d_1d_2p_1p_i^2r^3r_i^2v - 64c^2d_1d_2p_1p_i^2rr_i^2vx^2 - 64c^2d_1d_2p_1q_i^2r^3r_i^2v - 64c^2d_1d_2p_1q_i^2rr_i^2vx^2
  -64c^2d_1d_2p_i^2q_1r^2r_i^2vx - 64c^2d_1d_2p_i^2q_1r_i^2vx^3 - 32c^2d_1d_2p_iq_1^2r^4r_iv_i - 64c^2d_1d_2p_iq_1^2r^2r_iv_ix^2
  -32c^2d_1d_2p_iq_1^2r_iv_ix^4 - 64c^2d_1d_2q_1q_i^2r^2r_i^2vx - 64c^2d_1d_2q_1q_i^2r_i^2vx^3 + 16c^3d_1p_1^2r^2v_i^2x^2
+64c^3d_1p_1p_irr_ivv_ix^2-16c^3d_1p_1q_1r^3v_i^2x+16c^3d_1p_1q_1rv_i^2x^3+16c^3d_1p_i^2r_i^2v^2x^2
  -32c^3d_1p_iq_1r^2r_ivv_ix + 32c^3d_1p_iq_1r_ivv_ix^3 + 4c^3d_1q_1^2r^4v_i^2 - 8c^3d_1q_1^2r^2v_i^2x^2 + 4c^3d_1q_1^2v_i^2x^4 + 4c^3d_1q_1^2x^4 + 4c
+ \ 16c^3d_1q_i^2r_i^2v^2x^2 + 16c^3d_2q_i^2r^2r_i^2v^2 + 16c^3d_2q_i^2r_i^2v^2x^2 + 32c^2d_1^2p_1^2r^2r_i^2x^2 + 32c^2d_1^2p_1^2r^2v_i^2x^2
  -32c^2d_1^2p_1q_1r^3r_i^2x - 32c^2d_1^2p_1q_1r^3v_i^2x + 32c^2d_1^2p_1q_1rr_i^2x^3 + 32c^2d_1^2p_1q_1rv_i^2x^3 + 8c^2d_1^2q_1^2r^4r_i^2x^2 + 32c^2d_1^2p_1q_1rv_i^2x^3 + 8c^2d_1^2q_1^2r^4r_i^2x^2 + 32c^2d_1^2p_1q_1rv_i^2x^2 + 32c^2d_1^2q_1^2x^2 + 32c^2d_1^2q_1^2x^2 + 32c^2d_1^2q_1^2x^2 + 32c^2d_1^2x^2 + 32c^
 +8c^2d_1^2q_1^2r^4v_i^2-16c^2d_1^2q_1^2r^2r_i^2x^2-16c^2d_1^2q_1^2r^2v_i^2x^2+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+48c^2d_1d_2p_1^2p_i^2r^2r_i^2x^4+8c^2d_1^2q_1^2v_i^2x^4+48c^2d_1d_2p_1^2p_i^2r^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2r_i^2x^4+8c^2d_1^2q_1^2x^4+8c^2d_1^2q_1^2x^4+8c^2d_1^2q_1^2x^4+8c^2d_1^2q_1^2x^4+8c^2d_1^2q_1^2x^4+8c^2d_1^2q_1^2x^4+8c^2d_1^2q_1^2x^4+8c^2d_1^2q_1^2x^4+8c^2d_1^2q_1^2x^4+8c^2d_1^2q_1^2x^4+8c^2d_1^2q_1^2x^4+8c^2d_1^2x^4+8c^2d_1^2x^4+8c^2d_1^2x^4+8c^2d_1^2x^4+8c^2d_1^2x^4+8c^2d_1^2x^4+8c^2d_1^2x^4+8c^2d_1^2x^4+8c^2d_1^2x^4+8c^2d_1^2x^4+8c^2d_1^
 +\ 48c^2d_1d_2p_1^2q_i^2r^2r_i^2+8c^2d_1d_2p_1^2r^4r_i^2+16c^2d_1d_2p_1^2r^4v_i^2+16c^2d_1d_2p_1^2r^2r_i^2x^2+32c^2d_1d_2p_1^2r^2v_i^2x^2
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+48c^2d_1d_2p_i^2q_1^2r^2r_i^2+8c^2d_1d_2p_i^2r^4r_i^2+32c^2d_1d_2p_i^2r^2r_i^2v^2+16c^2d_1d_2p_i^2r^2r_i^2x^2+32c^2d_1d_2p_i^2r_i^2v^2x^2
 +8c^2d_1d_2p_i^2r_i^2x^4+64c^2d_1d_2p_iq_1r^2r_ivv_ix+64c^2d_1d_2p_iq_1r_ivv_ix^3+48c^2d_1d_2q_1^2q_i^2r^2r_i^2+8c^2d_1d_2q_1^2r^4r_i^2+8c^2d_1d_2p_iq_1r_ivv_ix^3+48c^2d_1d_2q_1^2q_1^2r_i^2r_i^2+8c^2d_1d_2q_1^2r_i^2r_i^2+8c^2d_1d_2q_1^2r_i^2r_i^2+8c^2d_1d_2q_1^2r_i^2r_i^2+8c^2d_1d_2q_1^2r_i^2r_i^2+8c^2d_1d_2q_1^2r_i^2r_i^2+8c^2d_1d_2q_1^2r_i^2r_i^2+8c^2d_1d_2q_1^2r_i^2r_i^2+8c^2d_1d_2q_1^2r_i^2r_i^2+8c^2d_1d_2q_1^2r_i^2r_i^2+8c^2d_1d_2q_1^2r_i^2r_i^2+8c^2d_1d_2q_1^2r_i^2r_i^2+8c^2d_1d_2q_1^2r_i^2r_i^2+8c^2d_1d_2q_1^2r_i^2r_i^2+8c^2d_1d_2q_1^2r_i^2r_i^2+8c^2d_1d_2q_1^2r_i^2r_i^2+8c^2d_1d_2q_1^2r_i^2r_i^2+8c^2d_1d_2q_1^2r_i^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2r_i^2+8c^2d_1d_2q_1^2+8c^2d_1d_2q_1^2+8c^2d_1d_2q_1^2+8c^2d_1d_2q_1^2+8c^2d_1d_2q_1^2+8c^2d_1d_2q_1^2+8c^2d_1d_2q_1^2+8c^2d_1d_2q_1^2+8c^2d_1d_2q_1^2+8c^2d_1d_2q_1^2+8c^2d_1d_2q_1^2+8c^2d_1d_2q_1^2+8c^2d_1d_2q_1^2+8c^2d_1d_2q_1^2+8c^2d_1
 + 16c^2d_1d_2q_1^2r^4v_i^2 + 16c^2d_1d_2q_1^2r^2r_i^2x^2 + 32c^2d_1d_2q_1^2r^2v_i^2x^2 + 8c^2d_1d_2q_1^2r_i^2x^4 + 16c^2d_1d_2q_1^2v_i^2x^4 + 16c^2d_1d_2q
+8c^2d_1d_2q_i^2r^4r_i^2+32c^2d_1d_2q_i^2r^2r_i^2v^2+16c^2d_1d_2q_i^2r^2r_i^2x^2+32c^2d_1d_2q_i^2r_i^2v^2x^2+8c^2d_1d_2q_i^2r_i^2x^4
+8c^2d_2^2q_i^2r^4r_i^2+16c^2d_2^2q_i^2r^2r_i^2x^2+8c^2d_2^2q_i^2r_i^2x^4+16cd_1^2d_2p_1^2r^4r_i^2+16cd_1^2d_2p_1^2r^4v_i^2+32cd_1^2d_2p_1^2r^2r_i^2x^2+32cd_1^2d_2p_1^2r^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2r_i^2x^2+32cd_1^2d_2p_1^2x^2+32cd_1^2d_2p_1^2x^2+32cd_1^2d_2p_1^2x^2+32cd_1^2d_2p_1^2x^2+32cd_1^2d_2p_1^2x^2+32cd_1^2d_2p_1^2x^2+32cd_1^2d_2p_1^2x^2+32cd_1^2d_2p_1^2x^2+32cd_1^2d_2p_1^2x^2+32cd_1^2d_2p_1^2x^2+32cd_1^2d_2p_1^2x^2+32cd_1^2d_2p_1^2x^2+32cd_1^2d_2p_1^2x^2+32cd_1^2d_2p_1^2x^2+32cd_1^2d_2p_1^2x^2+32cd_1^2d_2p_1^2x^2+32cd_1^2d_2p_1^2x^2
 +32cd_1^2d_2p_1^2r^2v_i^2x^2+16cd_1^2d_2p_1^2r_i^2x^4+16cd_1^2d_2p_1^2v_i^2x^4+16cd_1^2d_2q_1^2r^4r_i^2+16cd_1^2d_2q_1^2r^4v_i^2
+32cd_1^2d_2q_1^2r^2r_i^2x^2+32cd_1^2d_2q_1^2r^2v_i^2x^2+16cd_1^2d_2q_1^2r_i^2x^4+16cd_1^2d_2q_1^2v_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2p_i^2r^4r_i^2x^4+16cd_1d_2^2r^4r_i^2x^4+16cd_1d_2^2r^4r_i^2x^4+16cd_1d_2^2r^4r_i^2x^4+16cd_1d_2^2r^4r_i^2x^4+16cd_1d_2^2r^4r_i^2x^4+16cd_1d_2^2r_i^2x^4+16cd_1d_2^2r_i^2x^4+16cd_1d_2^2r_i^2x^4+16cd_1d_2^2r_i^2x^4+16cd_1d_2^2r_i^2x^4+16cd_1d_2^2r_i^2x^4+16cd_1d_2^2r_i^2x^4+16cd_1d_2^2r_i^2x^4+16cd_1d_2^2r_i^2x^4+16cd_1d_2^2r_i^2x^4+16cd_1d_2^2r_i^2x^4+16cd_1d_2^2r_i^2x^4+16cd_1d_2^2r_i
+32c{d_1}{d_2^2}p_i^2r^2r_i^2x^2+16c{d_1}{d_2^2}p_i^2r_i^2x^4+16c{d_1}{d_2^2}q_i^2r^4r_i^2+32c{d_1}{d_2^2}q_i^2r^2r_i^2x^2+16c{d_1}{d_2^2}q_i^2r_i^2x^4
 -16c^3d_1p_1rvv_i^2x^2-16c^3d_1p_ir_iv^2v_ix^2+8c^3d_1q_1r^2vv_i^2x-8c^3d_1q_1vv_i^2x^3-32c^2d_1^2p_1rr_i^2vx^2
  -32c^2d_1^2p_1rvv_i^2x^2+16c^2d_1^2q_1r^2r_i^2vx+16c^2d_1^2q_1r^2vv_i^2x-16c^2d_1^2q_1r_i^2vx^3-16c^2d_1^2q_1vv_i^2x^3
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  -16c^2d_1d_2p_1rr_i^2vx^2 - 32c^2d_1d_2p_1rvv_i^2x^2 - 48c^2d_1d_2p_iq_1^2r^2r_iv_i - 8c^2d_1d_2p_ir^4r_iv_i
  -32c^2d_1d_2p_ir^2r_iv^2v_i-16c^2d_1d_2p_ir^2r_iv_ix^2-32c^2d_1d_2p_ir_iv^2v_ix^2-8c^2d_1d_2p_ir_iv_ix^4
  -16c^2d_1d_2q_1r^2r_i^2vx - 32c^2d_1d_2q_1r^2vv_i^2x - 16c^2d_1d_2q_1r_i^2vx^3 - 32c^2d_1d_2q_1vv_i^2x^3 - 32cd_1^2d_2p_1r^3r_i^2v
  -32cd_1^2d_2p_1r^3vv_i^2 - 32cd_1^2d_2p_1rr_i^2vx^2 - 32cd_1^2d_2p_1rvv_i^2x^2 - 32cd_1^2d_2q_1r^2r_i^2vx - 32cd_1^2d_2q_1r^2vv_i^2x
  -32cd_1^2d_2q_1r_i^2vx^3 - 32cd_1^2d_2q_1vv_i^2x^3 - 16cd_1d_2^2p_ir^4r_iv_i - 32cd_1d_2^2p_ir^2r_iv_ix^2 - 16cd_1d_2^2p_ir_iv_ix^4
+4c^3d_1v^2v_i^2x^2+8c^2d_1^2r_i^2v^2x^2+8c^2d_1^2v^2v_i^2x^2+12c^2d_1d_2p_1^2r^2v_i^2+48c^2d_1d_2p_1p_irr_ivv_i+12c^2d_1d_2p_i^2r_i^2v^2+48c^2d_1d_2p_1p_irr_ivv_i+12c^2d_1d_2p_1^2r_i^2v^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2r_i^2v_i^2+48c^2d_1d_2p_1^2v_i^2v_i^2+48c^2d_1d_2p_1^2v_i^2v_i^2+48c^2d_1d_2p_1^2v_i^2v_i^2+48c^2d_1d_2p_1^2v_i^2v_i^2+48c^2d_1d_2p_1^2v_i^2v_i^2+48c^2d_1d_2p_1^2v_i^2v_i^2+48c^2d_1d_2p_1^2v_i^2v_i^2+48c^2d_1d_2p_1^2v_i^2v_i^2+48c^2d_1d_2p_1^2v_i^2v_i^2+48c^2d_1d_2p_1^2v_i^2v_i^2+48c^2d_1d_2p_1^2v_i^2v_i^2+48c^2d_1d_2p_1^2v_i^2+48c^2d_1d_2p_1^2v_i^2+48c^2d_1d_2p_1^2v_i^2+48c^2d_
 +12c^2d_1d_2q_1^2r^2v_i^2+12c^2d_1d_2q_i^2r_i^2v^2+2c^2d_1d_2r^4v_i^2+8c^2d_1d_2r^2r_i^2v^2+16c^2d_1d_2r^2v^2v_i^2+4c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_i^2x^2+3c^2d_1d_2r^2v_
 +8c^2d_1d_2r_i^2v^2x^2+16c^2d_1d_2v^2v_i^2x^2+2c^2d_1d_2v_i^2x^4+12c^2d_2^2q_i^2r_i^2v^2+24cd_1^2d_2p_1^2r^2r_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2r^2v_i^2+24cd_1^2d_2p_1^2v_i^2+24cd_1^2d_2p_1^2v_i^2+24cd_1^2d_2p_1^2v_i^2+24cd_1^2d_2p_1^2v_i^2+24cd_1^2d_2p_1^2v_i^2+24cd_1^2d_2p_1^2v_i^2+24cd_1^2d_2p_1^2v_i^2+24cd_1^2d_2p_1^2v_i^2+24cd_1^2d_2p_1^2v_i^2+24cd_1^2d_2p_1^2v_i^2+24cd_1^2d_2p_1^2v_i^2+24cd_1^2d_2p_1^2v_i^2+24cd_1^2d_2p_1^2v_i^2+24cd_1^2d_2p_1^2v_i^2+24cd_1^2d_2p_1^2v_i^2+24cd_1^2d_2p_1^2v_i^2+24cd_1^2d_2p_1^2v_i^2+24cd_1^2d_2p_1^2v_i^2+24cd_1^2d
 +24cd_1^2d_2q_1^2r^2r_i^2+24cd_1^2d_2q_1^2r^2v_i^2+4cd_1^2d_2r^4r_i^2+4cd_1^2d_2r^4v_i^2+16cd_1^2d_2r^2r_i^2v^2+8cd_1^2d_2r^2r_i^2x^2
 +16cd_1^2d_2r^2v^2v_i^2+8cd_1^2d_2r^2v_i^2x^2+16cd_1^2d_2r_i^2v^2x^2+4cd_1^2d_2r_i^2x^4+16cd_1^2d_2v^2v_i^2x^2+4cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^2x^4+6cd_1^2d_2v_i^
 +24cd_1d_2^2p_i^2r^2r_i^2+24cd_1d_2^2p_i^2r_i^2v^2+24cd_1d_2^2q_i^2r^2r_i^2+24cd_1d_2^2q_i^2r_i^2v^2+4cd_1d_2^2r^4r_i^2+8cd_1d_2^2r^4v_i^2
```

```
+8cd_1d_2^2r^2r_i^2x^2+16cd_1d_2^2r^2v_i^2x^2+4cd_1d_2^2r_i^2x^4+8cd_1d_2^2v_i^2x^4+8d_1^2d_2^2r^4r_i^2+8d_1^2d_2^2r^4v_i^2\\+16d_1^2d_2^2r^2r_i^2x^2+16d_1^2d_2^2r^2v_i^2x^2+8d_1^2d_2^2r_i^2x^4+8d_1^2d_2^2v_i^2x^4-12c^2d_1d_2p_1rvv_i^2-12c^2d_1d_2p_ir_iv^2v_i\\-24cd_1^2d_2p_1rr_i^2v-24cd_1^2d_2p_1rvv_i^2-24cd_1d_2^2p_ir^2r_iv_i-24cd_1d_2^2p_ir_iv^2v_i+3c^2d_1d_2v^2v_i^2\\+6cd_1^2d_2r_i^2v^2+6cd_1^2d_2v^2v_i^2+6cd_1d_2^2r^2v_i^2+6cd_1d_2^2r^2v^2+12cd_1d_2^2v^2v_i^2+12d_1^2d_2^2r^2v_i^2\\+12d_1^2d_2^2r^2v_i^2+12d_1^2d_2^2r_i^2v^2+12d_1^2d_2^2v^2v_i^2)(4c^2p_2^2+4c^2q_2^2+8cd_3p_2^2+8cd_3q_2^2+c^2+4cd_3+4d_3^2)
```