

- 1)
$$\frac{\frac{a-b}{4a-3b} - \frac{a^2+b^2+9a}{4a^2+ab-3b^2}}{(4b^4+36ab^2+81a^2)} : (2b^2+9a) (b^2+4b+ab+4a)$$
- 2)
$$\frac{\frac{a+2b}{5a+4b} - \frac{a^2+4b^2+4a}{5a^2-6ab-8b^2}}{(64b^4+64ab^2+16a^2)} : (8b^2+4a) (-4b^2-6b+2ab+3a)$$
- 3)
$$\frac{\frac{2a-b}{4a-3b} - \frac{4a^2+b^2+7a}{8a^2-2ab-3b^2}}{(4b^4+28ab^2+49a^2)} : (2b^2+7a) (4b^2+5b+8ab+10a)$$
- 4)
$$\frac{\frac{2a+3b}{a-b} - \frac{4a^2+9b^2+6a}{2a^2-5ab+3b^2}}{(324b^4+216ab^2+36a^2)} : (18b^2+6a) (-15b^2-12b+10ab+8a)$$
- 5)
$$\frac{\frac{a-7b}{5a-2b} - \frac{a^2+49b^2-2a}{5a^2+33ab-14b^2}}{(9604b^4-392ab^2+4a^2)} : (98b^2-2a) (7b^2+7b+ab+a)$$
- 6)
$$\frac{\frac{a-2b}{3a-4b} - \frac{a^2+4b^2+4a}{3a^2+2ab-8b^2}}{(64b^4+64ab^2+16a^2)} : (8b^2+4a) (2b^2+2b+ab+a)$$
- 7)
$$\frac{\frac{5a-b}{2a-b} - \frac{25a^2+b^2+8a}{10a^2-3ab-b^2}}{(4b^4+32ab^2+64a^2)} : (2b^2+8a) (2b^2+b+10ab+5a)$$
- 8)
$$\frac{\frac{2a+3b}{3a+2b} - \frac{4a^2+9b^2+7a}{6a^2-5ab-6b^2}}{(324b^4+252ab^2+49a^2)} : (18b^2+7a) (-3b^2-12b+2ab+8a)$$
- 9)
$$\frac{\frac{5a-6b}{a+b} - \frac{25a^2+36b^2-3a}{5a^2+11ab+6b^2}}{(5184b^4-432ab^2+9a^2)} : (72b^2-3a) (12b^2+18b+10ab+15a)$$
- 10)
$$\frac{\frac{5a-2b}{a+b} - \frac{25a^2+4b^2-a}{5a^2+7ab+2b^2}}{(64b^4-16ab^2+a^2)} : (8b^2-a) (6b^2+4b+15ab+10a)$$
- 11)
$$\frac{\frac{a-4b}{a+3b} - \frac{a^2+16b^2+7a}{a^2+7ab+12b^2}}{(1024b^4+448ab^2+49a^2)} : (32b^2+7a) (20b^2+12b+5ab+3a)$$
- 12)
$$\frac{\frac{a-2b}{3a+5b} - \frac{a^2+4b^2+2a}{3a^2+11ab+10b^2}}{(64b^4+32ab^2+4a^2)} : (8b^2+2a) (2b^2+2b+ab+a)$$
- 13)
$$\frac{\frac{5a-9b}{3a-2b} - \frac{25a^2+81b^2+5a}{15a^2+17ab-18b^2}}{(26244b^4+1620ab^2+25a^2)} : (162b^2+5a) (9b^2+9b+5ab+5a)$$

$$14) \frac{\frac{4a+b}{a-b} - \frac{16a^2+b^2+4a}{4a^2-5ab+b^2}}{(4b^4+16ab^2+16a^2)} : (2b^2+4a) (-2b^2-b+8ab+4a)$$

$$15) \frac{\frac{3a+4b}{2a+b} - \frac{9a^2+16b^2+5a}{6a^2-5ab-4b^2}}{(1024b^4+320ab^2+25a^2)} : (32b^2+5a) (-4b^2-12b+3ab+9a)$$

$$16) \frac{\frac{3a-b}{a+3b} - \frac{9a^2+b^2-2a}{3a^2+10ab+3b^2}}{(4b^4-8ab^2+4a^2)} : (2b^2-2a) (2b^2+3b+6ab+9a)$$

$$17) \frac{\frac{3a-b}{a+6b} - \frac{9a^2+b^2+8a}{3a^2+19ab+6b^2}}{(4b^4+32ab^2+64a^2)} : (2b^2+8a) (2b^2+3b+6ab+9a)$$

$$18) \frac{\frac{2a-9b}{a+2b} - \frac{4a^2+81b^2-2a}{2a^2+13ab+18b^2}}{(26244b^4-648ab^2+4a^2)} : (162b^2-2a) (18b^2+9b+4ab+2a)$$

$$19) \frac{\frac{3a-4b}{a+7b} - \frac{9a^2+16b^2+8a}{3a^2+25ab+28b^2}}{(1024b^4+512ab^2+64a^2)} : (32b^2+8a) (16b^2+12b+12ab+9a)$$

$$20) \frac{\frac{4a+b}{4a+9b} - \frac{16a^2+b^2-a}{16a^2+32ab-9b^2}}{(4b^4-4ab^2+a^2)} : (2b^2-a) (b^2-5b+4ab+20a)$$

$$21) \frac{\frac{a-8b}{4a-3b} - \frac{a^2+64b^2-4a}{4a^2+29ab-24b^2}}{(16384b^4-1024ab^2+16a^2)} : (128b^2-4a) (24b^2+16b+3ab+2a)$$

$$22) \frac{\frac{5a-3b}{a+b} - \frac{25a^2+9b^2+a}{5a^2+8ab+3b^2}}{(324b^4+36ab^2+a^2)} : (18b^2+a) (3b^2+6b+5ab+10a)$$

$$23) \frac{\frac{4a-7b}{a+b} - \frac{16a^2+49b^2-4a}{4a^2+11ab+7b^2}}{(9604b^4-784ab^2+16a^2)} : (98b^2-4a) (14b^2+35b+8ab+20a)$$

$$24) \frac{\frac{a-b}{a+b} - \frac{a^2+b^2-a}{a^2+2ab+b^2}}{(4b^4-4ab^2+a^2)} : (2b^2-a) (2b^2+b+2ab+a)$$

$$25) \frac{\frac{a-6b}{3a-4b} - \frac{a^2+36b^2+8a}{3a^2+14ab-24b^2}}{(5184b^4+1152ab^2+64a^2)} : (72b^2+8a) (18b^2+12b+3ab+2a)$$

$$26) \frac{\frac{a-2b}{a-b} - \frac{a^2+4b^2-3a}{a^2+ab-2b^2}}{(64b^4-48ab^2+9a^2)} : (8b^2-3a) (10b^2+2b+5ab+a)$$

$$27) \frac{\frac{a+b}{2a+5b} - \frac{a^2+b^2-2a}{2a^2+3ab-5b^2}}{(4b^4-8ab^2+4a^2) : (2b^2-2a)} (b^2-5b+ab+5a)$$

$$28) \frac{\frac{3a-2b}{4a+b} - \frac{9a^2+4b^2+4a}{12a^2+11ab+2b^2}}{(64b^4+64ab^2+16a^2) : (8b^2+4a)} (4b^2+6b+6ab+9a)$$

$$29) \frac{\frac{5a-8b}{3a+2b} - \frac{25a^2+64b^2+7a}{15a^2+34ab+16b^2}}{(16384b^4+1792ab^2+49a^2) : (128b^2+7a)} (24b^2+16b+15ab+10a)$$

$$30) \frac{\frac{3a-5b}{3a-4b} - \frac{9a^2+25b^2+3a}{9a^2+3ab-20b^2}}{(2500b^4+300ab^2+9a^2) : (50b^2+3a)} (5b^2+5b+3ab+3a)$$

$$31) \frac{\frac{a+b}{2a-b} - \frac{a^2+b^2-4a}{2a^2-3ab+b^2}}{(4b^4-16ab^2+16a^2) : (2b^2-4a)} (-4b^2-5b+4ab+5a)$$

$$32) \frac{\frac{5a+3b}{a+2b} - \frac{25a^2+9b^2+9a}{5a^2+7ab-6b^2}}{(324b^4+324ab^2+81a^2) : (18b^2+9a)} (-3b^2-3b+5ab+5a)$$

$$33) \frac{\frac{a+2b}{3a+8b} - \frac{a^2+4b^2-a}{3a^2+2ab-16b^2}}{(64b^4-16ab^2+a^2) : (8b^2-a)} (-4b^2-6b+2ab+3a)$$

$$34) \frac{\frac{4a-b}{5a-4b} - \frac{16a^2+b^2-2a}{20a^2-11ab-4b^2}}{(4b^4-8ab^2+4a^2) : (2b^2-2a)} (b^2+b+4ab+4a)$$

$$35) \frac{\frac{a-5b}{2a+b} - \frac{a^2+25b^2+8a}{2a^2+11ab+5b^2}}{(2500b^4+800ab^2+64a^2) : (50b^2+8a)} (15b^2+20b+3ab+4a)$$

$$36) \frac{\frac{5a-4b}{a-2b} - \frac{25a^2+16b^2+2a}{5a^2-6ab-8b^2}}{(1024b^4+128ab^2+4a^2) : (32b^2+2a)} (4b^2+8b+5ab+10a)$$

$$37) \frac{\frac{5a+b}{2a+b} - \frac{25a^2+b^2+6a}{10a^2+3ab-b^2}}{(4b^4+24ab^2+36a^2) : (2b^2+6a)} (-5b^2-b+25ab+5a)$$

$$38) \frac{\frac{a-3b}{a+9b} - \frac{a^2+9b^2+4a}{a^2+12ab+27b^2}}{(324b^4+144ab^2+16a^2) : (18b^2+4a)} (3b^2+15b+ab+5a)$$

$$39) \frac{\frac{a+2b}{a+b} - \frac{a^2+4b^2-a}{a^2-ab-2b^2}}{(64b^4-16ab^2+a^2) : (8b^2-a)} (-8b^2-2b+4ab+a)$$

$$40) \frac{\frac{2a-7b}{2a+3b} - \frac{4a^2+49b^2-3a}{4a^2+20ab+21b^2}}{(9604b^4-588ab^2+9a^2)} : (98b^2-3a) (14b^2+21b+4ab+6a)$$

$$41) \frac{\frac{2a-b}{5a-2b} - \frac{4a^2+b^2+4a}{10a^2+ab-2b^2}}{(4b^4+16ab^2+16a^2)} : (2b^2+4a) (b^2+2b+2ab+4a)$$

$$42) \frac{\frac{a-8b}{a+3b} - \frac{a^2+64b^2-2a}{a^2+11ab+24b^2}}{(16384b^4-512ab^2+4a^2)} : (128b^2-2a) (8b^2+24b+ab+3a)$$

$$43) \frac{\frac{a-5b}{a+4b} - \frac{a^2+25b^2-3a}{a^2+9ab+20b^2}}{(2500b^4-300ab^2+9a^2)} : (50b^2-3a) (5b^2+5b+ab+a)$$

$$44) \frac{\frac{a-3b}{3a-b} - \frac{a^2+9b^2+7a}{3a^2+8ab-3b^2}}{(324b^4+252ab^2+49a^2)} : (18b^2+7a) (12b^2+3b+4ab+a)$$

$$45) \frac{\frac{5a+2b}{a+4b} - \frac{25a^2+4b^2-3a}{5a^2+18ab-8b^2}}{(64b^4-48ab^2+9a^2)} : (8b^2-3a) (-2b^2-4b+5ab+10a)$$

$$46) \frac{\frac{a+b}{a+5b} - \frac{a^2+b^2+3a}{a^2+4ab-5b^2}}{(4b^4+12ab^2+9a^2)} : (2b^2+3a) (-5b^2-4b+5ab+4a)$$

$$47) \frac{\frac{a+2b}{5a-b} - \frac{a^2+4b^2+5a}{5a^2-11ab+2b^2}}{(64b^4+80ab^2+25a^2)} : (8b^2+5a) (-2b^2-2b+ab+a)$$

$$48) \frac{\frac{2a+b}{5a+9b} - \frac{4a^2+b^2+8a}{10a^2+13ab-9b^2}}{(4b^4+32ab^2+64a^2)} : (2b^2+8a) (b^2-2b+2ab+4a)$$

$$49) \frac{\frac{2a-3b}{5a-b} - \frac{4a^2+9b^2+a}{10a^2+13ab-3b^2}}{(324b^4+36ab^2+a^2)} : (18b^2+a) (3b^2+3b+2ab+2a)$$

$$50) \frac{\frac{2a-b}{2a+3b} - \frac{4a^2+b^2+6a}{4a^2+8ab+3b^2}}{(4b^4+24ab^2+36a^2)} : (2b^2+6a) (5b^2+3b+10ab+6a)$$

$$51) \frac{\frac{4a-5b}{a+9b} - \frac{16a^2+25b^2-a}{4a^2+41ab+45b^2}}{(2500b^4-100ab^2+a^2)} : (50b^2-a) (10b^2+5b+8ab+4a)$$

$$52) \frac{\frac{3a-5b}{a+3b} - \frac{9a^2+25b^2+3a}{3a^2+14ab+15b^2}}{(2500b^4+300ab^2+9a^2)} : (50b^2+3a) (25b^2+5b+15ab+3a)$$

$$53) \frac{\frac{a-3b}{2a-3b} - \frac{a^2+9b^2+6a}{2a^2+3ab-9b^2}}{(324b^4+216ab^2+36a^2) : (18b^2+6a)} (3b^2+3b+ab+a)$$

$$54) \frac{\frac{4a-7b}{5a-3b} - \frac{16a^2+49b^2+7a}{20a^2+23ab-21b^2}}{(9604b^4+1372ab^2+49a^2) : (98b^2+7a)} (7b^2+28b+4ab+16a)$$

$$55) \frac{\frac{4a+b}{5a+7b} - \frac{16a^2+b^2+9a}{20a^2+23ab-7b^2}}{(4b^4+36ab^2+81a^2) : (2b^2+9a)} (b^2-b+4ab+4a)$$

$$56) \frac{\frac{5a-2b}{5a+4b} - \frac{25a^2+4b^2-2a}{25a^2+30ab+8b^2}}{(64b^4-32ab^2+4a^2) : (8b^2-2a)} (2b^2+2b+5ab+5a)$$

$$57) \frac{\frac{a-5b}{5a-2b} - \frac{a^2+25b^2-3a}{5a^2+23ab-10b^2}}{(2500b^4-300ab^2+9a^2) : (50b^2-3a)} (5b^2+5b+ab+a)$$

$$58) \frac{\frac{5a-4b}{a+6b} - \frac{25a^2+16b^2+2a}{5a^2+34ab+24b^2}}{(1024b^4+128ab^2+4a^2) : (32b^2+2a)} (16b^2+12b+20ab+15a)$$

$$59) \frac{\frac{4a+3b}{3a+5b} - \frac{16a^2+9b^2-a}{12a^2+11ab-15b^2}}{(324b^4-36ab^2+a^2) : (18b^2-a)} (-9b^2-3b+12ab+4a)$$

$$60) \frac{\frac{a-3b}{a-b} - \frac{a^2+9b^2+3a}{a^2+2ab-3b^2}}{(324b^4+108ab^2+9a^2) : (18b^2+3a)} (15b^2+9b+5ab+3a)$$

$$61) \frac{\frac{5a-2b}{a+7b} - \frac{25a^2+4b^2+4a}{5a^2+37ab+14b^2}}{(64b^4+64ab^2+16a^2) : (8b^2+4a)} (6b^2+4b+15ab+10a)$$

$$62) \frac{\frac{a-2b}{3a-2b} - \frac{a^2+4b^2+9a}{3a^2+4ab-4b^2}}{(64b^4+144ab^2+81a^2) : (8b^2+9a)} (4b^2+10b+2ab+5a)$$

$$63) \frac{\frac{3a+b}{5a-2b} - \frac{9a^2+b^2-3a}{15a^2-11ab+2b^2}}{(4b^4-12ab^2+9a^2) : (2b^2-3a)} (-4b^2-5b+12ab+15a)$$

$$64) \frac{\frac{a-2b}{4a-b} - \frac{a^2+4b^2-2a}{4a^2+7ab-2b^2}}{(64b^4-32ab^2+4a^2) : (8b^2-2a)} (4b^2+2b+2ab+a)$$

$$65) \frac{\frac{3a+2b}{5a+2b} - \frac{9a^2+4b^2+9a}{15a^2-4ab-4b^2}}{(64b^4+144ab^2+81a^2) : (8b^2+9a)} (-4b^2-6b+6ab+9a)$$

$$66) \frac{\frac{a-b}{2a+7b} - \frac{a^2+b^2+9a}{2a^2+9ab+7b^2}}{(4b^4+36ab^2+81a^2)} : (2b^2+9a) (2b^2+b+2ab+a)$$

$$67) \frac{\frac{a-2b}{2a-b} - \frac{a^2+4b^2+5a}{2a^2+3ab-2b^2}}{(64b^4+80ab^2+25a^2)} : (8b^2+5a) (10b^2+8b+5ab+4a)$$

$$68) \frac{\frac{5a+4b}{a+b} - \frac{25a^2+16b^2+4a}{5a^2+ab-4b^2}}{(1024b^4+256ab^2+16a^2)} : (32b^2+4a) (-4b^2-20b+5ab+25a)$$

$$69) \frac{\frac{a-6b}{2a+b} - \frac{a^2+36b^2+2a}{2a^2+13ab+6b^2}}{(5184b^4+288ab^2+4a^2)} : (72b^2+2a) (12b^2+6b+2ab+a)$$

$$70) \frac{\frac{a+b}{4a+9b} - \frac{a^2+b^2+8a}{4a^2+5ab-9b^2}}{(4b^4+32ab^2+64a^2)} : (2b^2+8a) (-3b^2-2b+3ab+2a)$$

$$71) \frac{\frac{2a-9b}{a-b} - \frac{4a^2+81b^2+4a}{2a^2+7ab-9b^2}}{(26244b^4+1296ab^2+16a^2)} : (162b^2+4a) (45b^2+36b+10ab+8a)$$

$$72) \frac{\frac{a-2b}{4a+3b} - \frac{a^2+4b^2-3a}{4a^2+11ab+6b^2}}{(64b^4-48ab^2+9a^2)} : (8b^2-3a) (2b^2+2b+ab+a)$$

$$73) \frac{\frac{a-2b}{5a-2b} - \frac{a^2+4b^2-a}{5a^2+8ab-4b^2}}{(64b^4-16ab^2+a^2)} : (8b^2-a) (2b^2+2b+ab+a)$$

$$74) \frac{\frac{5a-3b}{4a+b} - \frac{25a^2+9b^2+8a}{20a^2+17ab+3b^2}}{(324b^4+288ab^2+64a^2)} : (18b^2+8a) (9b^2+3b+15ab+5a)$$

$$75) \frac{\frac{a-5b}{a+4b} - \frac{a^2+25b^2+2a}{a^2+9ab+20b^2}}{(2500b^4+200ab^2+4a^2)} : (50b^2+2a) (5b^2+5b+ab+a)$$

$$76) \frac{\frac{2a+3b}{3a-4b} - \frac{4a^2+9b^2-4a}{6a^2-17ab+12b^2}}{(324b^4-144ab^2+16a^2)} : (18b^2-4a) (-12b^2-9b+8ab+6a)$$

$$77) \frac{\frac{a-7b}{a-b} - \frac{a^2+49b^2+3a}{a^2+6ab-7b^2}}{(9604b^4+588ab^2+9a^2)} : (98b^2+3a) (21b^2+28b+3ab+4a)$$

$$78) \frac{\frac{5a+3b}{2a+b} - \frac{25a^2+9b^2+3a}{10a^2-ab-3b^2}}{(324b^4+108ab^2+9a^2)} : (18b^2+3a) (-3b^2-3b+5ab+5a)$$

- 79)
$$\frac{\frac{2a+b}{5a+8b} - \frac{4a^2+b^2-a}{10a^2+11ab-8b^2}}{(4b^4-4ab^2+a^2) : (2b^2-a)} (-4b^2-5b+8ab+10a)$$
- 80)
$$\frac{\frac{2a-3b}{a+b} - \frac{4a^2+9b^2-4a}{2a^2+5ab+3b^2}}{(324b^4-144ab^2+16a^2) : (18b^2-4a)} (3b^2+3b+2ab+2a)$$
- 81)
$$\frac{\frac{2a-3b}{2a+5b} - \frac{4a^2+9b^2+8a}{4a^2+16ab+15b^2}}{(324b^4+288ab^2+64a^2) : (18b^2+8a)} (6b^2+15b+4ab+10a)$$
- 82)
$$\frac{\frac{a+b}{2a+7b} - \frac{a^2+b^2+3a}{2a^2+5ab-7b^2}}{(4b^4+12ab^2+9a^2) : (2b^2+3a)} (b^2-2b+ab+2a)$$
- 83)
$$\frac{\frac{a+4b}{2a-3b} - \frac{a^2+16b^2+8a}{2a^2-11ab+12b^2}}{(1024b^4+512ab^2+64a^2) : (32b^2+8a)} (-4b^2-8b+ab+2a)$$
- 84)
$$\frac{\frac{5a-7b}{5a-b} - \frac{25a^2+49b^2+9a}{25a^2+30ab-7b^2}}{(9604b^4+1764ab^2+81a^2) : (98b^2+9a)} (7b^2+21b+5ab+15a)$$
- 85)
$$\frac{\frac{2a-b}{a-4b} - \frac{4a^2+b^2-2a}{2a^2-7ab-4b^2}}{(4b^4-8ab^2+4a^2) : (2b^2-2a)} (b^2+2b+2ab+4a)$$
- 86)
$$\frac{\frac{a+b}{2a+b} - \frac{a^2+b^2+3a}{2a^2-ab-b^2}}{(4b^4+12ab^2+9a^2) : (2b^2+3a)} (b^2-b+ab+a)$$
- 87)
$$\frac{\frac{5a-9b}{5a+4b} - \frac{25a^2+81b^2-2a}{25a^2+65ab+36b^2}}{(26244b^4-648ab^2+4a^2) : (162b^2-2a)} (27b^2+36b+15ab+20a)$$
- 88)
$$\frac{\frac{a-3b}{a+2b} - \frac{a^2+9b^2+4a}{a^2+5ab+6b^2}}{(324b^4+144ab^2+16a^2) : (18b^2+4a)} (15b^2+9b+5ab+3a)$$
- 89)
$$\frac{\frac{5a+b}{5a+4b} - \frac{25a^2+b^2+7a}{25a^2+15ab-4b^2}}{(4b^4+28ab^2+49a^2) : (2b^2+7a)} (b^2-2b+5ab+10a)$$
- 90)
$$\frac{\frac{2a+3b}{a+b} - \frac{4a^2+9b^2-4a}{2a^2-ab-3b^2}}{(324b^4-144ab^2+16a^2) : (18b^2-4a)} (-3b^2-3b+2ab+2a)$$
- 91)
$$\frac{\frac{a-2b}{a+2b} - \frac{a^2+4b^2+6a}{a^2+4ab+4b^2}}{(64b^4+96ab^2+36a^2) : (8b^2+6a)} (2b^2+2b+ab+a)$$

$$92) \frac{\frac{a-3b}{a+b} - \frac{a^2+9b^2-3a}{a^2+4ab+3b^2}}{(324b^4-108ab^2+9a^2) : (18b^2-3a)} (3b^2 + 15b + ab + 5a)$$

$$93) \frac{\frac{a-4b}{a+2b} - \frac{a^2+16b^2+9a}{a^2+6ab+8b^2}}{(1024b^4+576ab^2+81a^2) : (32b^2+9a)} (4b^2 + 8b + ab + 2a)$$

$$94) \frac{\frac{2a+3b}{a+7b} - \frac{4a^2+9b^2-3a}{2a^2+11ab-21b^2}}{(324b^4-108ab^2+9a^2) : (18b^2-3a)} (-3b^2-6b+2ab+4a)$$

$$95) \frac{\frac{4a-3b}{5a+6b} - \frac{16a^2+9b^2-4a}{20a^2+39ab+18b^2}}{(324b^4-144ab^2+16a^2) : (18b^2-4a)} (3b^2 + 15b + 4ab + 20a)$$

$$96) \frac{\frac{a-3b}{a+b} - \frac{a^2+9b^2+a}{a^2+4ab+3b^2}}{(324b^4+36ab^2+a^2) : (18b^2+a)} (6b^2 + 3b + 2ab + a)$$

$$97) \frac{\frac{3a-b}{a+4b} - \frac{9a^2+b^2-3a}{3a^2+13ab+4b^2}}{(4b^4-12ab^2+9a^2) : (2b^2-3a)} (2b^2 + 5b + 6ab + 15a)$$

$$98) \frac{\frac{5a-4b}{2a+7b} - \frac{25a^2+16b^2+7a}{10a^2+43ab+28b^2}}{(1024b^4+448ab^2+49a^2) : (32b^2+7a)} (20b^2 + 8b + 25ab + 10a)$$

$$99) \frac{\frac{a-3b}{a+9b} - \frac{a^2+9b^2+7a}{a^2+12ab+27b^2}}{(324b^4+252ab^2+49a^2) : (18b^2+7a)} (9b^2 + 3b + 3ab + a)$$

$$100) \frac{\frac{a+b}{2a+b} - \frac{a^2+b^2+8a}{2a^2-ab-b^2}}{(4b^4+32ab^2+64a^2) : (2b^2+8a)} (-5b^2-2b+5ab+2a)$$