Steps: (1) Divide (2) Multiply (3) Subtract (4) Bring down the next number (5) Repeat if needed

(1) $12 \overline{)\,466959923}$	(2) $22 \overline{)\,966694853}$	(3) $65 \overline{)\,863785237}$
(4) $82 \overline{)\,310318017}$	(5) $55 \overline{)\,146651242}$	(6) $59 \overline{)\,925091587}$

Steps: (1) Divide (2) Multiply (3) Subtract (4) Bring down the next number (5) Repeat if needed

Also see our Worksheets and Walkthroughs video: "Division - Traditional Long Division Algorithm Method Word Problems"

(1)

38913326 R11

12) 466959923

- 36 *(3 x 12)*

106

- 96 *(8 x 12)*

109

- 108 *(9 x 12)*

15

- 12 *(1 x 12)*

39

- 36 *(3 x 12)*

39

- 36 *(3 x 12)*

32

- 24 *(2 x 12)*

83

- 72 *(6 x 12)*

Remainder --> 11

(2)

43940675 R3

22) 966694853

- 88 *(4 x 22)*

86

- 66 *(3 x 22)*

206

- 198 *(9 x 22)*

89

- 88 *(4 x 22)*

14

- 0 *(0 x 22)*

148

- 132 *(6 x 22)*

165

- 154 *(7 x 22)*

113

- 110 *(5 x 22)*

Remainder --> 3

(3)

13289003 R42

65) 863785237

- 65 *(1 x 65)*

213

- 195 *(3 x 65)*

187

- 130 *(2 x 65)*

578

- 520 *(8 x 65)*

585

- 585 *(9 x 65)*

02

- 0 *(0 x 65)*

23

- 0 *(0 x 65)*

237

- 195 *(3 x 65)*

Remainder --> 42

(4)

3784366 R5

82) 310318017

- 246 *(3 x 82)*

643

- 574 *(7 x 82)*

691

- 656 *(8 x 82)*

358

- 328 *(4 x 82)*

300

- 246 *(3 x 82)*

541

- 492 *(6 x 82)*

497

- 492 *(6 x 82)*

Remainder --> 5

(5)

2666386 R12

55) 146651242

- 110 *(2 x 55)*

366

- 330 *(6 x 55)*

365

- 330 *(6 x 55)*

351

- 330 *(6 x 55)*

212

- 165 *(3 x 55)*

474

- 440 *(8 x 55)*

342

- 330 *(6 x 55)*

Remainder --> 12

(6)

15679518 R25

59) 925091587

- 59 *(1 x 59)*

335

- 295 *(5 x 59)*

400

- 354 *(6 x 59)*

469

- 413 *(7 x 59)*

561

- 531 *(9 x 59)*

305

- 295 *(5 x 59)*

108

- 59 *(1 x 59)*

497

- 472 *(8 x 59)*

Remainder --> 25