LONG DIVISION WITHOUT REMAINDERS

ANSWERS - PAGE 1

HELPFUL EXAMPLE

ANSWER

3 x 24 = 72

```
3 | 7 2          2          2          2 4          2 4
  x 2            3 | 7 2    3 | 7 2    3 | 7 2      3 | 7 2
3 | 7 2          - 6        - 6        - 6          - 6
= 6                1          1 2        1 2          1 2
                                          1 2        - 1 2
                                                       0 0
```

3 GOES INTO 7 ONLY 2 TIMES, AND 2 TIMES 3 EQUALS 6.

THEN SUBTRACT 7 MINUS 6, WHICH EQUALS 1.

BRING DOWN THE 2 AND START OVER.

3 GOES INTO 12 EXACTLY 4 TIMES.

SUBTRACT 12 MINUS 12, WHICH EQUALS 0. WE'RE DONE!

DIVIDE.

1. 2)78	2. 4)96	3. 5)85	4. 3)87	5. 6)96
39	24	17	29	16
6. 2)94	7. 3)72	8. 4)76	9. 2)86	10. 3)81
47	24	19	43	27
11. 3)105	12. 2)146	13. 5)145	14. 7)168	15. 4)152
35	73	29	24	38
16. 2)184	17. 5)350	18. 4)316	19. 8)296	20. 3)312
92	70	79	37	104
21. 6)690	22. 3)441	23. 2)458	24. 7)973	25. 5)815
115	147	229	139	163

LONG DIVISION WITH REMAINDERS

ANSWERS - PAGE 2

HELPFUL EXAMPLE

2 x 23 = 46. IF YOU ADD THE REMAINDER 1, YOU GET 46 + 1 = 47.

```
2 | 4 7          2          2          2 3          2 3 R 1
  x 2            2 | 4 7    2 | 4 7    2 | 4 7      2 | 4 7
2 | 4 7          - 4        - 4        - 4          - 4
= 4                0          0 7        0 7          0 7
                                         6          - 6
                                                      1
```

SOLVE THE SAME WAY YOU DID ON THE PREVIOUS PAGE.

DO YOU SEE HOW YOU STILL HAVE ONE LEFT WHEN YOU ARE DONE? THAT IS CALLED A *REMAINDER*.

DIVIDE.

1. 2)83	2. 3)85	3. 7)99	4. 4)87	5. 5)87
41 R 1	27 R 4	14 R 1	21 R 3	17 R 2
6. 6)95	7. 2)57	8. 3)94	9. 2)73	10. 4)79
15 R 5	28 R 1	31 R 1	36 R 1	19 R 3
11. 2)131	12. 4)150	13. 7)167	14. 9)170	15. 5)128
65 R 1	37 R 2	23 R 6	18 R 8	25 R 3
16. 3)116	17. 6)166	18. 2)193	19. 4)234	20. 8)301
38 R 2	27 R 4	96 R 1	58 R 2	37 R 5
21. 5)424	22. 7)905	23. 4)871	24. 6)764	25. 2)573
84 R 4	129 R 2	217 R 3	127 R 2	286 R 1