Bus Stop Method

Name: _____ Date: _____

Part A - Warm Up

Use the bus stop. Write each quotient digit above the bracket.

1. $4\overline{)96}$

2. $5\overline{)135}$

3. $3\overline{)168}$

4. $6\overline{)252}$

5. $7\overline{)364}$

6. $5\overline{)475}$

Part B - Stepping Up

Four digit dividends this time. Work left to right and carry remainders small.

7. $4\overline{)1248}$

8. $5\overline{)1935}$

9. $3\overline{)2673}$

10. $4\overline{)3416}$

11. $6\overline{)4524}$

12. $8\overline{)5832}$

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Part C - Remainders

These do not split evenly. Write the leftover as a remainder after the quotient.

13. $4 \overline{)257}$

14. $7 \overline{)498}$

15. $5 \overline{)873}$

16. $6 \overline{)1649}$

17. $9 \overline{)2758}$

18. $7 \overline{)3865}$

Part D - Word Problems

Set each problem up in the bus stop, then write your answer in words.

1. A teacher shares 348 stickers equally among 4 tables.
How many stickers does each table get?

$4 \overline{)348}$

Answer: _____

2. 247 apples are packed into boxes of 8 apples.
How many full boxes are packed and how many apples are left over?

$8 \overline{)247}$

Answer: _____

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Answer Key - Bus Stop Method

Part A - Warm Up

1. 96 ÷ 4 = 24
2. 135 ÷ 5 = 27
3. 168 ÷ 3 = 56
4. 252 ÷ 6 = 42
5. 364 ÷ 7 = 52
6. 475 ÷ 5 = 95

Part B - Stepping Up

1. 1248 ÷ 4 = 312
2. 1935 ÷ 5 = 387
3. 2673 ÷ 3 = 891
4. 3416 ÷ 4 = 854
5. 4524 ÷ 6 = 754
6. 5832 ÷ 8 = 729

Part C - Remainders

1. 257 ÷ 4 = 64 r 1
2. 498 ÷ 7 = 71 r 1
3. 873 ÷ 5 = 174 r 3
4. 1649 ÷ 6 = 274 r 5
5. 2758 ÷ 9 = 306 r 4
6. 3865 ÷ 7 = 552 r 1

Part D - Word Problems

1. Each table gets 87 stickers. 348 divided by 4 equals 87.
2. 30 full boxes, 7 apples left over. 247 divided by 8 equals 30 r 7.

Quick check for markers: quotient times divisor plus remainder must equal the dividend.

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