Long Division with Remainders

Grade 3

Name _____ Date _____

Remember: Long division steps: Divide → Multiply → Subtract → Bring down. Repeat until there are no digits left.

Check: (answer × divisor) + remainder = the number inside.

1. Divide

Use long division. Write any remainder as R.

1. $9\overline{)73}$

2. $3\overline{)10}$

3. $6\overline{)35}$

4. $6\overline{)39}$

5. $8\overline{)17}$

6. $6\overline{)17}$

7. $4\overline{)33}$

8. $7\overline{)17}$

9. $6\overline{)40}$

10. $8\overline{)34}$

11. $7\overline{)65}$

12. $4\overline{)30}$

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2. More practice

Divide.

1. $7\overline{)50}$

2. $8\overline{)53}$

3. $9\overline{)24}$

4. $2\overline{)17}$

3. Word problems

Solve. Show your work.

1. **54 apples are shared equally among 8 baskets. How many apples go in each?**

2. **28 apples are shared equally among 9 baskets. How many apples go in each?**

Answer Key

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1. Divide

1. $9\overline{)73}$ = **8 R1**
2. $3\overline{)10}$ = **3 R1**
3. $6\overline{)35}$ = **5 R5**
4. $6\overline{)39}$ = **6 R3**
5. $8\overline{)17}$ = **2 R1**
6. $6\overline{)17}$ = **2 R5**
7. $4\overline{)33}$ = **8 R1**
8. $7\overline{)17}$ = **2 R3**
9. $6\overline{)40}$ = **6 R4**
10. $8\overline{)34}$ = **4 R2**
11. $7\overline{)65}$ = **9 R2**
12. $4\overline{)30}$ = **7 R2**

2. More practice

1. $7\overline{)50}$ = **7 R1**
2. $8\overline{)53}$ = **6 R5**
3. $9\overline{)24}$ = **2 R6**
4. $2\overline{)17}$ = **8 R1**

3. Word problems

Answers.

1. **54 apples are shared equally among 8 baskets. How many apples go in each?**
   54 ÷ 8 = 6 apples in each, with 6 left over
2. **28 apples are shared equally among 9 baskets. How many apples go in each?**
   28 ÷ 9 = 3 apples in each, with 1 left over