Long Division: Basic Facts

Grade 3

Name _____ Date _____

Remember: The number being divided goes **inside** the bracket. The divisor goes **outside**. The answer goes **on top**.

Check: answer × divisor = the number inside.

1. Divide

Use long division. Write any remainder as R.

1. $9\overline{)45}$

2. $5\overline{)10}$

3. $6\overline{)12}$

4. $4\overline{)8}$

5. $4\overline{)20}$

6. $3\overline{)6}$

7. $7\overline{)49}$

8. $3\overline{)15}$

9. $6\overline{)18}$

10. $2\overline{)18}$

11. $9\overline{)81}$

12. $3\overline{)18}$

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2. More practice

Divide.

1. $8\overline{)40}$

2. $7\overline{)35}$

3. $2\overline{)16}$

4. $5\overline{)25}$

3. Word problems

Solve. Show your work.

1. **72 marbles are shared equally among 8 bags. How many marbles go in each?**

2. **21 books are shared equally among 3 shelves. How many books go in each?**

Answer Key

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1. Divide

1. $9\overline{)45} = 5$
2. $5\overline{)10} = 2$
3. $6\overline{)12} = 2$
4. $4\overline{)8} = 2$
5. $4\overline{)20} = 5$
6. $3\overline{)6} = 2$
7. $7\overline{)49} = 7$
8. $3\overline{)15} = 5$
9. $6\overline{)18} = 3$
10. $2\overline{)18} = 9$
11. $9\overline{)81} = 9$
12. $3\overline{)18} = 6$

2. More practice

1. $8\overline{)40} = 5$
2. $7\overline{)35} = 5$
3. $2\overline{)16} = 8$
4. $5\overline{)25} = 5$

3. Word problems

Answers.

1. **72 marbles are shared equally among 8 bags. How many marbles go in each?**
   72 ÷ 8 = 9 marbles in each
2. **21 books are shared equally among 3 shelves. How many books go in each?**
   21 ÷ 3 = 7 books in each