Remainders

Name: _____ **Date:** _____



Mr Boston says: The remainder goes on top of the fraction and the divisor goes underneath.

Example: $17 \div 5 = 3 \text{ r } 2 = 3\ ^{2}/_{5} = 3.4$

#	Division	With a remainder	With a fraction	As a decimal
1	17 ÷ 5			
2	29 ÷ 4			
3	23 ÷ 2			
4	50 ÷ 8			
5	47 ÷ 10			
6	38 ÷ 5			
7	27 ÷ 4			
8	61 ÷ 8			
9	19 ÷ 2			
10	83 ÷ 10			

Which is best?

11 £23 is shared equally between 2 children. How much does each child get? _____

12 7 pizzas are shared equally between 4 people. How much pizza does each person get? _____

Answers for grown-ups

Remainders

#	Division	Remainder	Fraction	Decimal
1	17 ÷ 5	**3 r 2**	**$3\frac{2}{5}$**	**3.4**
2	29 ÷ 4	**7 r 1**	**$7\frac{1}{4}$**	**7.25**
3	23 ÷ 2	**11 r 1**	**$11\frac{1}{2}$**	**11.5**
4	50 ÷ 8	**6 r 2**	**$6\frac{2}{8} = 6\frac{1}{4}$**	**6.25**
5	47 ÷ 10	**4 r 7**	**$4\frac{7}{10}$**	**4.7**
6	38 ÷ 5	**7 r 3**	**$7\frac{3}{5}$**	**7.6**
7	27 ÷ 4	**6 r 3**	**$6\frac{3}{4}$**	**6.75**
8	61 ÷ 8	**7 r 5**	**$7\frac{5}{8}$**	**7.625**
9	19 ÷ 2	**9 r 1**	**$9\frac{1}{2}$**	**9.5**
10	83 ÷ 10	**8 r 3**	**$8\frac{3}{10}$**	**8.3**

11. **£11.50** (a decimal suits money). 12. **$1\frac{3}{4}$ pizzas** (a fraction suits pizza).