



Division by Grouping

I can divide larger numbers mentally by subtracting easy multiples.



1. $39 \div 3 =$ _____

First work out 10×3 .

$10 \times 3 =$ _____

Subtract the multiple of ten from 39. What is left? _____

How many 3s go into this number? _____

Add up the number of groups of 3 to get your answer: _____

2. Now try these:

a. $48 \div 3 =$ _____

b. $68 \div 4 =$ _____

c. $65 \div 5 =$ _____

d. $78 \div 6 =$ _____

e. $91 \div 7 =$ _____

3. Make up your own word problem in the box below to go with one of the number sentences in question 2.



Division by Grouping **Answers**

1. $39 \div 3 = \underline{\quad 13 \quad}$

First work out 10×3 .

$10 \times 3 = \underline{\quad 30 \quad}$

Subtract the multiple of ten from 39. What is left? 9

How many 3s go into this number? 3

Add up the number of groups of 3 to get your answer: 13

2. Now try these:

a. $48 \div 3 = \underline{\quad 16 \quad}$

b. $68 \div 4 = \underline{\quad 17 \quad}$

c. $65 \div 5 = \underline{\quad 13 \quad}$

d. $78 \div 6 = \underline{\quad 13 \quad}$

e. $91 \div 7 = \underline{\quad 13 \quad}$

3. Make up your own word problem in the box below to go with one of the number sentences in question 2.

Multiple answers possible.



Division by Grouping

I can divide larger numbers mentally by subtracting easy multiples.



1. $57 \div 3 =$ _____

First work out 10×3 .

$10 \times 3 =$ _____

Subtract the multiple of ten from 57. What is left? _____

How many 3s go into this number? _____

Add up the number of groups of 3 to get your answer: _____

2. Now try these:

a. $84 \div 3 =$ _____

b. $84 \div 4 =$ _____

c. $165 \div 5 =$ _____

d. $114 \div 6 =$ _____

e. $98 \div 7 =$ _____

3. Make up your own word problem in the box below to go with one of the number sentences in question 2.



Division by Grouping **Answers**

1. $57 \div 3 = \underline{\quad 19 \quad}$

First work out 10×3 .

$10 \times 3 = \underline{\quad 30 \quad}$

Subtract the multiple of ten from 57. What is left? $\underline{\quad 27 \quad}$

How many 3s go into this number? $\underline{\quad 9 \quad}$

Add up the number of groups of 3 to get your answer: $\underline{\quad 19 \quad}$

2. Now try these:

a. $84 \div 3 = \underline{\quad 28 \quad}$

b. $84 \div 4 = \underline{\quad 21 \quad}$

c. $165 \div 5 = \underline{\quad 33 \quad}$

d. $114 \div 6 = \underline{\quad 19 \quad}$

e. $98 \div 7 = \underline{\quad 14 \quad}$

3. Make up your own word problem in the box below to go with one of the number sentences in question 2.

Multiple answers possible.



Division by Grouping

I can divide larger numbers mentally by subtracting easy multiples.



1. $59 \div 3 =$ _____ remainder _____

First work out 10×3 . $10 \times 3 =$ _____

Subtract the multiple of ten from 59. What is left? _____

How many 3s go into this number? _____. Are there any left over? _____

Add up the number of groups of 3 to get your answer: _____

Is there are remainder? _____

2. Now try these:

a. $88 \div 3 =$ _____

b. $89 \div 4 =$ _____

c. $168 \div 5 =$ _____

d. $117 \div 6 =$ _____

e. $99 \div 7 =$ _____

3. Make up your own word problem in the box below to go with one of the number sentences in question 2.



Division by Grouping **Answers**

1. $59 \div 3 = \underline{19 \text{ remainder } 2}$

First work out 10×3 .

$10 \times 3 = \underline{30}$

Subtract the multiple of ten from 59. What is left? 29

How many 3s go into this number? 9 Are there any left over? 2

Add up the number of groups of 3 to get your answer: 19

Is there a remainder? 2

2. **Now try these:**

a. $88 \div 3 = \underline{29 \text{ r}1}$

b. $89 \div 4 = \underline{22 \text{ r}1}$

c. $168 \div 5 = \underline{33 \text{ r}3}$

d. $177 \div 6 = \underline{19 \text{ r}3}$

e. $99 \div 7 = \underline{14 \text{ r}1}$

3. **Make up your own word problem in the box below to go with one of the number sentences in question 2.**

Multiple answers possible.