

UNIT 4

MATH MESSAGE BOOK

3rd Grade



Name: _____

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4.1

You have 4 packages of pencils.
There are 6 pencils in each package.
How many pencils in all?
Draw a picture to match the number story.



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There are 6 pencils in each package.
How many pencils in all?
Draw a picture to match the number story.

4.2

There are 24 trombone players
in a big parade.

Use counters to represent trombone players.

Arrange the counters to show them
in equal rows.

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in a big parade.

Use counters to represent trombone players.

Arrange the counters to show them
in equal rows.

4.3

Leah and Matthew share 14 pennies equally.
How many pennies does each child get?

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Leah and Matthew share 14 pennies equally.
How many pennies does each child get?



4.4

12 pennies are shared equally by 4 children.

How many pennies per child is that?

If you wish, you may use
pennies to act out the story.



4.4

12 pennies are shared equally by 4 children.

How many pennies per child is that?

If you wish, you may use
pennies to act out the story.

4.5

$7 \times 4 = 28$ is a multiplication fact.
Write 5 other multiplication facts.

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Write 5 other multiplication facts.



4.6

Write the +, - fact family for
the numbers 2, 2, and 4.



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the numbers 2, 2, and 4.

4.7

How many baseball teams of exactly 9 players each can be formed from 45 players?

Write a number model.

4.7

How many baseball teams of exactly 9 players each can be formed from 45 players?

Write a number model.

4.8

How many dots are in this array?

Be prepared to explain how
you got your answer.



4.8

How many dots are in this array?

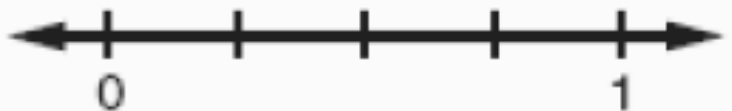
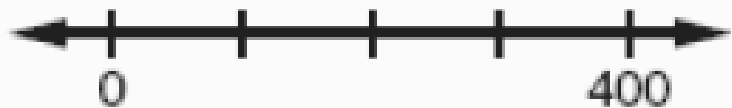
Be prepared to explain how
you got your answer.





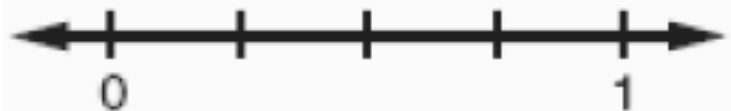
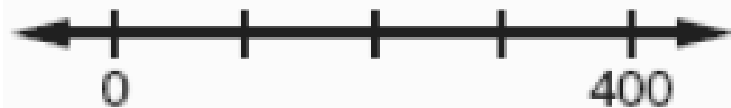
4.9

Fill in the missing numbers.



4.9

Fill in the missing numbers.



4.10

Maria and Joe toss a coin to decide who goes first when they play a game.

Is this a fair way to decide?

Write and explain why or why not.

4.10

Maria and Joe toss a coin to decide who goes first when they play a game.

Is this a fair way to decide?

Write and explain why or why not.

4.11

Complete the Self Assessment

4.11

Complete the Self Assessment