

North Penn School District  
Elementary Math Parent Letter

Grade 2









Unit 5 – Chapter 7: Money and Time

Examples for each lesson

Lesson 7.1

**Dimes, Nickels, and Pennies**

Work with time and money.

	1 dime 10¢	Count dimes by tens. <u>10¢</u> , <u>20¢</u> , <u>30¢</u>				
	1 nickel 5¢	Count nickels by fives. <u>5¢</u> , <u>10¢</u> , <u>15¢</u>				
	1 penny 1¢	Count pennies by ones. <u>1¢</u> , <u>2¢</u> , <u>3¢</u>				
Count on by tens.	Count on by fives.	Count on by ones.				
					<table border="1"><tr><td>31¢</td></tr></table> total value	31¢
31¢						
<u>10¢, 20¢, 25¢, 30¢, 31¢</u>						


More information on this strategy is available on Animated Math Model #39.

## Lesson 7.2


### Quarters

Work with time and money.

Count by twenty-fives.




1 quarter  
25¢



25¢, 50¢, 75¢

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Count by twenty-fives. Count by tens. Count by ones.



25¢, 50¢, 60¢, 61¢


61¢  
total value

## Lesson 7.3

### Count Collections

Work with time and money.

Draw the coins in order by value. Start with the coin that has the greatest value.



25¢ 10¢ 5¢ 1¢

Start at 25¢. Count on.

25¢, 35¢, 40¢, 41¢ total value 41¢

More information on this strategy is available on Animated Math Model #40.

## Lesson 7.4

### Show Amounts in Two Ways

Work with time and money.

You can show the same amount in different ways.

The diagram shows two boxes connected by an arrow. The left box contains three nickels: two are grouped together in a dashed oval, and one is below them. Below the coins is the text "15¢" and "Count the coins. 5, 10, 15". The right box contains one dime and one nickel, with the dime in a dashed oval. Below the coins is the text "15¢" and "Count the coins. 10, 15". A cloud-shaped callout between the boxes says "Trade 2 nickels for 1 dime."

## Lesson 7.5

### One Dollar

Work with time and money.

One dollar has the same value as 100 cents.

You can write one dollar like this:  
 $\$1.00$

Count on to 100¢ to show \$1.00.

25¢, 50¢, 75¢, 100¢

$\$1.00$   
total value

More information on this strategy is available on Animated Math Model #41.

## Lesson 7.6

### Amounts Greater Than \$1

Work with time and money.

1. Count on and circle the coins that make one dollar.



2. Count on from 100¢ to find the total value for the whole group of coins.



3. 120¢ is the same as 1 dollar and 20 cents.

Write \$1.20.

110¢

120¢

## Lesson 7.7

### Unlock the Problem

What do I need to find?

how much money

Erin used to buy the  
marker

What information do I need to use?

Erin used one \$1 bill  
and 3 nickels

Show how to solve the problem.

Draw to show the money that Erin used.




Erin used \$1.15 to buy the marker.


## Lesson 7.8

### Time to the Hour and Half Hour Work with time and money.

It is zero minutes after the hour.  
Look at how you write this time.



It is 30 minutes after the hour.  
Look at how you write this time.

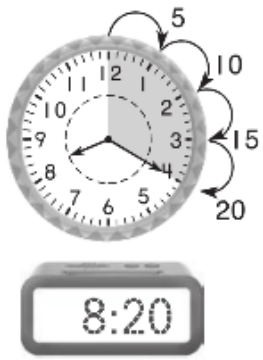


More information on this strategy is available on Animated Math Model #42, 43.

## Lesson 7.9

### Time to 5 Minutes Work with time and money.

The minute hand moves from one number to the next in 5 minutes.  
Start at the 12. Count by fives.  
Stop at the number the minute hand points to.  
The hour is 8 o'clock.  
It is 20 minutes after 8:00.




## Lesson 7.10

### Practice Telling Time Work with time and money.

Use the clock hands to tell time.  
First find the hour.  
The hour is 11.

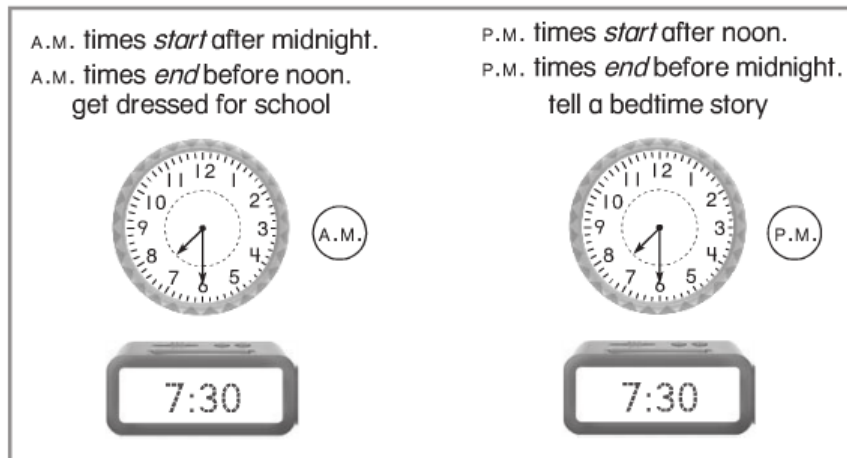
Now figure out minutes.  
When the minute hand points to the 3 it is quarter past.  
It is 15 minutes past 11.  
The time is quarter past 11.



## Lesson 7.11

### A.M. and P.M.

Work with time and money.



### Vocabulary

**A.M.** – the hours between midnight and noon

**Cent sign (¢)** – a symbol that represents cents

**Decimal point** – a symbol used to separate dollars from cents

**Dime** – a coin worth 10 cents

**Dollar** – a coin or bill worth 100 cents

**Dollar sign (\$)** – a symbol that represents dollars

**Midnight** – twelve o'clock at night

**Minute** – a unit of time equal to 60 seconds

**Noon** – twelve o'clock in the day

**Nickel** – a coin worth 5 cents

**Penny** – a coin worth 1 cent

**P. M.** – the hours between noon and midnight

**Quarter** – a coin worth 25 cents

**Quarter past** – 15 minutes after the hour