Grade 4 Math @ Home

April, 27th – May, 1st

Each week's lesson will be divided into 3 parts. – Learning topic – Learning Topic Game – Sumdog skills.
It is designed to be spending a minimum of 30 minutes per day on math practice.
I recommend that you spend your first 30 minutes of the week on the learning topic with your child and introducing the game. The remainder of your child's time can be spent practicing the new topic and continuing to practice their mental math.

1. **Learning Topic – Modelling decimals with base ten blocks and on a number line – (Big Idea 6)**

This week we will be building off what we learned last week. I have created a YouTube channel to help teach these topics if you are able to work at them.
This is my first time creating and uploading videos onto Youtube, so please forgive me if they are not the best videos. I hope that I can learn and get better at them as we go. On my YouTube channel, I have created 3 playlist titled Grade 3 Math, Grade 4 Math and Grade 5 Math. You should find 2 videos on Decimals in the Grade 4 Math playlist, which I have also posted a link to below.
My YouTube Channel link:
https://www.youtube.com/channel/UC2nFvG3cu9sdg6tQ3woCy5g/
Video 1:

Continue to practice skills on Sumdog.

I have also taken a couple pictures of their textbook, so that they can work on some practice questions.

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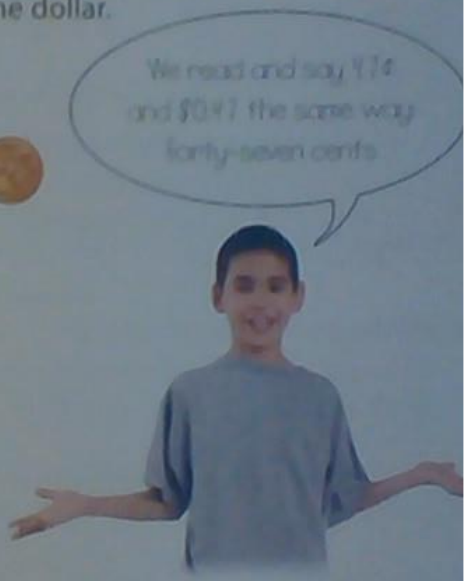
Ninety-one hundredths of this grid are yellow.
We write: $\frac{91}{100}$ or 0.91

▸ We can use a place-value chart to show a decimal with hundredths.

Ones	Tenths	Hundredths
0	0	9
0	6	0

We say: zero and nine-hundredths
We say: zero and sixty-hundredths

▸ We can use decimals to write parts of one dollar.
1 dollar = 100 cents
So, 1 cent = $\frac{1}{100}$ dollar, or 0.01 dollar



Here are 47 cents.
47 cents = $\frac{47}{100}$ dollar
We write: 47¢ or $0.47

Practice

1. Write a fraction and a decimal for the coloured part of each picture.

a) 

b) 

c) 

d) 

2. Colour a hundredths grid to show each number.
a) $\frac{2}{100}$ b) $\frac{35}{100}$ c) 0.05 d) 0.18

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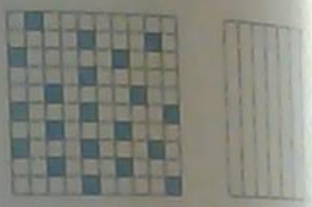
3. Say each decimal, then model it with Base Ten Blocks.
Record your work on grid paper.
Label each picture with a fraction.
a) 0.40 b) 0.31 c) 0.09 d) 0.02

4. Say each fraction, then write it as a decimal.
a) $\frac{17}{100}$ b) $\frac{60}{100}$ c) $\frac{39}{100}$ d) $\frac{7}{100}$

5. Write as a decimal.
a) six-hundredths b) thirty-nine hundredths
c) five-hundredths d) fourteen-hundredths

6. Say each decimal, then write it as a fraction.
a) 0.03 b) 0.16 c) 0.10 d) 0.54

7. Write a fraction and a decimal for the coloured part of each grid. What do you notice about the coloured parts? Explain. Show your work.



8. Model each amount with dimes and pennies.
Draw pictures to show your work.
a) $0.46 b) $0.08 c) $0.21 d) $0.03

9. Write each amount as a decimal.
a) 58¢ b) 9 cents c) 73 cents d) 14¢

10. Write each amount in words.
a) $0.27 b) $0.18 c) $0.70 d) $0.01

11. Explain the meaning of each digit in each decimal.
a) 0.11 b) 0.77 c) 0.44 d) $0.22

12. Describe a situation in which you might use hundredths in everyday life.

Reflect

Why are the zeros important in the decimals 0.5 and 0.05?

ASSESSMENT FOCUS | Question 7