

unit 12

revision

Grade 4

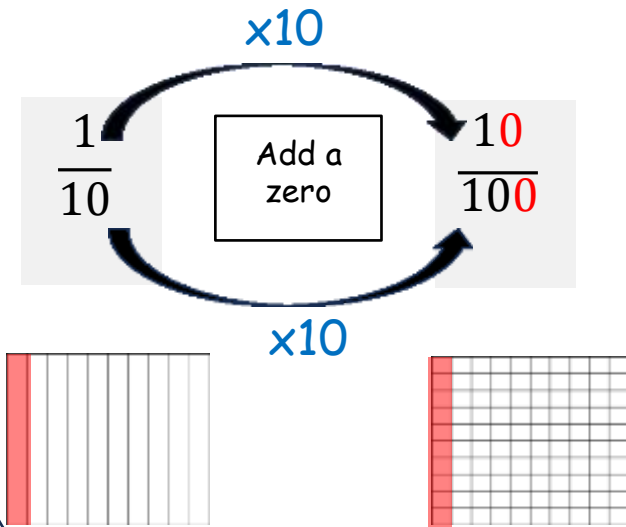
Term 3

Name: _____

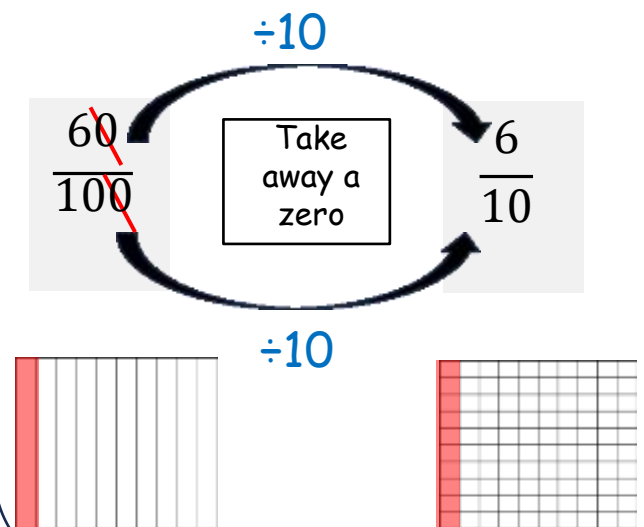
Unit 12 Lesson 1

Tenths and Hundredths

From tenths to hundredths



From hundredths to tenths



You need to have 0 up and down to divide by 10.

$$\frac{45}{100}$$

$$\frac{40}{100} = \frac{4}{10}$$

Write the equivalents.

$\frac{4}{10}$	$\frac{40}{100}$
$\frac{4}{10}$	$\frac{40}{100}$
$\frac{3}{10}$	$\frac{30}{100}$
$\frac{2}{10}$	$\frac{20}{100}$
$\frac{12}{10}$	$\frac{120}{100} = 1 \frac{20}{100}$
$1 \frac{2}{10}$	$1 \frac{20}{100}$
$1 \frac{4}{10}$	$1 \frac{40}{100}$

Which of these are equivalent to a fraction with the denominator of 10? Choose all that apply.

A. $\frac{12}{100}$

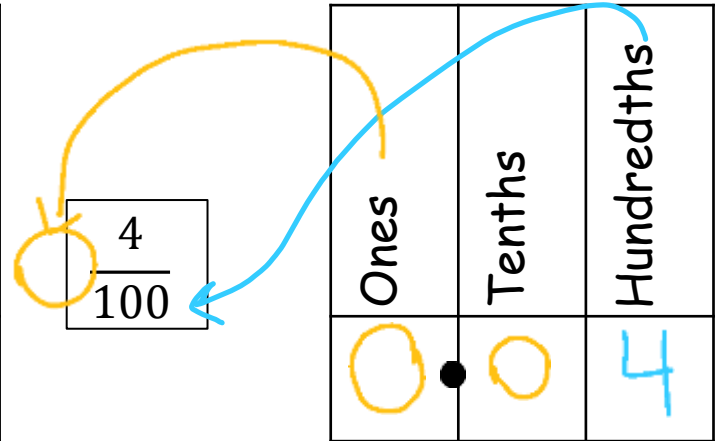
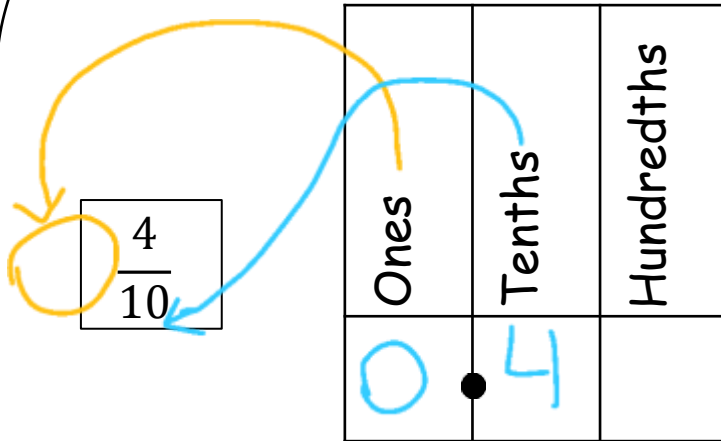
B. $\frac{10}{100}$

C. $\frac{40}{100}$

D. $\frac{45}{100}$

Unit 12 Lesson 2

Decimal Notation



Examples:

$\frac{3}{10} = 0.3$	$1\frac{3}{100} = 1.03$
$\frac{3}{100} = 0.03$	$\frac{54}{100} = 0.54$
$1\frac{3}{10} = 1.3$	$\frac{54}{10} = 5.4$

Write a decimal.

$\frac{5}{10} = 0.5$	$4\frac{9}{10} = 4.9$
$4\frac{7}{10} = 4.7$	$7\frac{2}{100} = 7.02$
$\frac{5}{100} = 0.05$	$\frac{83}{100} = 0.83$

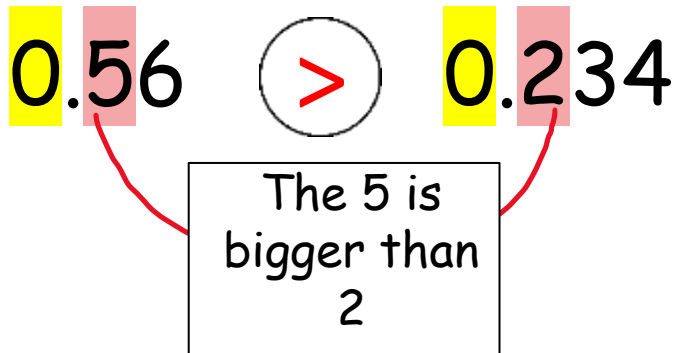
Write a fraction

$0.8 = \frac{8}{10}$	$3.23 = 3\frac{23}{100}$
$3.6 = 3\frac{6}{10}$	$7.07 = 7\frac{7}{100}$
$0.02 = \frac{2}{100}$	$0.76 = \frac{76}{100}$

Unit 12 Lesson 3

Compare decimals

Compare every digit from left to right



Use a tenths or hundredths number line to help you to answer the questions.
Choose the correct symbol < or > to complete the statements.

1. 0.6 0.3

6. 0.83 0.82

2. 0.2 0.8

7. 0.55 0.65

3. 5.4 5.9

8. 9.99 9.94

4. 27.6 27.1

9. 25.05 25.50

5. 7.8 8.7

10. 6.78 8.76

Unit 12 Lesson 4

Adding tenths and hundredths

$$\frac{3}{10} + \frac{34}{100} =$$

We need to make the denominator alike.



Add a zero

$$\frac{30}{100} + \frac{34}{100} = \frac{64}{100}$$

$$\frac{70}{100} + \frac{7}{100} = \frac{77}{100}$$

$$\frac{30}{100} + \frac{12}{100} = \frac{42}{100}$$

$$\frac{40}{100} + \frac{4}{100} = \frac{44}{100}$$

$$\frac{60}{100} + \frac{35}{100} = \frac{95}{100}$$

$$\frac{90}{100} + \frac{9}{100} = \frac{99}{100}$$

$$\frac{70}{100} + \frac{14}{100} = \frac{84}{100}$$

$$\frac{30}{100} + \frac{3}{100} = \frac{33}{100}$$

$$\frac{50}{100} + \frac{47}{100} = \frac{97}{100}$$

$$\frac{20}{100} + \frac{2}{100} = \frac{22}{100}$$

$$\frac{80}{100} + \frac{18}{100} = \frac{98}{100}$$

$$\frac{70}{100} + \frac{7}{100} = \frac{77}{100}$$

$$\frac{10}{100} + \frac{77}{100} = \frac{87}{100}$$

$$\frac{20}{100} + \frac{3}{100} = \frac{23}{100}$$

$$\frac{90}{100} + \frac{2}{100} = \frac{92}{100}$$

$$\frac{10}{100} + \frac{5}{100} = \frac{15}{100}$$

$$\frac{40}{100} + \frac{54}{100} = \frac{94}{100}$$

$$\frac{20}{100} + \frac{8}{100} = \frac{28}{100}$$

$$\frac{50}{100} + \frac{37}{100} = \frac{87}{100}$$

Unit 12 Lesson 5 Adding decimals

Work out the calculations.

$$\begin{array}{r} \text{a)} \quad \$3.40 \\ + \$2.20 \\ \hline 5.60 \end{array}$$

$$\begin{array}{r} \text{b)} \quad \$4.20 \\ + \$3.60 \\ \hline 7.80 \end{array}$$

$$\begin{array}{r} \text{c)} \quad \$5.30 \\ + \$2.60 \\ \hline 7.90 \end{array}$$

$$\begin{array}{r} \text{d)} \quad \$3.30 \\ + \$6.40 \\ \hline 9.70 \end{array}$$

$$\begin{array}{r} \text{e)} \quad \$4.50 \\ + \$3.40 \\ \hline 7.90 \end{array}$$

$$\begin{array}{r} \text{f)} \quad \$3.70 \\ + \$8.20 \\ \hline 11.90 \end{array}$$

$$\begin{array}{r} \text{g)} \quad \$5.50 \\ + \$6.40 \\ \hline 11.90 \end{array}$$

$$\begin{array}{r} \text{h)} \quad \textcircled{1} \$4.50 \\ + \$7.60 \\ \hline 12.10 \end{array}$$

$$\begin{array}{r} \text{i)} \quad \textcircled{1} \$7.70 \\ + \$6.30 \\ \hline 14.00 \end{array}$$

$$\begin{array}{r} \text{j)} \quad \textcircled{1} \$9.60 \\ + \$3.80 \\ \hline 13.40 \end{array}$$

$$\begin{array}{r} \text{k)} \quad \textcircled{11} \$13.72 \\ + \$8.60 \\ \hline 22.32 \end{array}$$

$$\begin{array}{r} \text{l)} \quad \textcircled{11} \$14.30 \\ + \$8.80 \\ \hline 23.10 \end{array}$$

$$1) \$3.20 + \$2.30 = 5.50$$

$$5) \$8.70 + \$4.40 = 13.10$$

$$2) \$4.10 + \$3.50 = 7.60$$

$$6) \$7.40 + \$7.50 = 14.90$$

$$3) \$5.40 + \$3.50 = 8.90$$

$$7) \$6.90 + \$5.40 = 12.30$$

$$4) \$7.20 + \$3.60 = 10.80$$

$$8) \$9.40 + \$7.90 = 17.30$$

Name: _____

Date: _____



Adding Money in Dollars and Cents



Section A

Write the amounts of money in each box and find the total amount in dollars and cents.

 <u>15</u> ¢	+	 <u>1.15</u> ¢	= \$ <u>1</u> and <u>30</u> ¢	$\begin{array}{r} 0.74 \\ 1.15 \\ + 1.15 \\ \hline 1.30 \end{array}$
 <u>45</u> ¢	+	 <u>20</u> ¢	= \$ <u>0</u> and <u>65</u> ¢	$\begin{array}{r} 0.74 \\ 45 \\ + 20 \\ \hline .65 \end{array}$
 \$ <u>1</u> and <u>15</u> ¢	+	 \$ <u>1</u> and <u>22</u> ¢	= \$ <u>2</u> and <u>37</u> ¢	$\begin{array}{r} 1.15 \\ 1.22 \\ + 2.37 \\ \hline 2.37 \end{array}$
 \$ <u>1</u> and <u>32</u> ¢	+	 \$ <u>1</u> and <u>21</u> ¢	= \$ <u>2</u> and <u>53</u> ¢	$\begin{array}{r} 1.32 \\ 1.21 \\ + 2.53 \\ \hline 2.53 \end{array}$
 \$ <u>1</u> and <u>22</u> ¢	+	 \$ <u>2</u> and <u>20</u> ¢	= \$ <u>3</u> and <u>42</u> ¢	$\begin{array}{r} 1.22 \\ 2.20 \\ + 3.42 \\ \hline 3.42 \end{array}$
 \$ <u>3</u> and <u>32</u> ¢	+	 \$ <u>2</u> and <u>32</u> ¢	= \$ <u>5</u> and <u>64</u> ¢	$\begin{array}{r} 3.32 \\ 2.32 \\ + 5.64 \\ \hline 5.64 \end{array}$