Warm Up

1.
$$\frac{2}{5} - \frac{1}{20}$$

5.
$$\frac{13}{16} - \frac{13}{16}$$
 9. $\frac{11}{20} - \frac{1}{2}$

9.
$$\frac{11}{20} - \frac{1}{2}$$

2.
$$\frac{17}{19} - \frac{14}{19}$$

2.
$$\frac{17}{19} - \frac{14}{19}$$
 6. $\frac{9}{11} - \frac{2}{11}$ 10. $\frac{5}{12} - \frac{1}{3}$

10.
$$\frac{5}{12} - \frac{1}{3}$$

Warm Up Answers

War
1.
$$\frac{2}{5} - \frac{1}{20}$$

 $= \frac{7}{20}$

5.
$$\frac{13}{16} - \frac{13}{16}$$

5.
$$\frac{13}{16} - \frac{13}{16}$$

$$= \frac{1}{20}$$
9. $\frac{11}{20} - \frac{1}{2}$

$$= \frac{1}{20}$$

2.
$$\frac{17}{19} - \frac{14}{19}$$

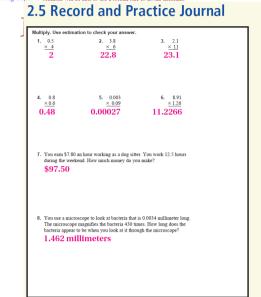
$$= \frac{3}{19}$$
6. $\frac{9}{11} - \frac{2}{11}$

$$= \frac{7}{11}$$

6.
$$\frac{9}{11} - \frac{2}{11} = \frac{7}{11}$$

10.
$$\frac{5}{12} - \frac{1}{3}$$

$$= \frac{1}{12}$$



Chapter 2 pages 89-91

- . 30.060
- . A fingernail grows about 3 millimeters in 30 days, 9mm in 90 days
- . 0.00021
- . 0.0000032
- . 117.96438
- .0.03822
- 48. 2.8868 million acres cropland
- . 2.016
- . 36.225
- . various answers.. 4.76ft x 2 ft; 4ft x 2.38ft; 3.808ft x 2.5ft

Lesson 2.6

November 14, 2016

Essential Question:

How can you divide decimals?

Lesson 2.6

November 14, 2016

Lesson Objective:

Students will be able to:

use a formal rule to divide decimals.

Self-Evaluation Scale

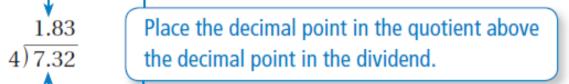
Score	Description
4	I can teach other students how to use a formal rule to divide decimals.
3	I can use a formal rule to divide decimals.
2	I recognize, but still need help to use a formal rule to divide decimals.
1	I do not know how to use a formal rule to divide decimals.



Dividing Decimals by Whole Numbers

Words Place the decimal point in the quotient above the decimal point in the dividend. Then divide as you would with whole numbers. Continue until there is no remainder.

Numbers



•

Learning Objective: Students will be able to use a formal rule to divide decimals.

Dividing Decimals by Whole Numbers

a. Find $7.6 \div 4$.

Estimate $8 \div 4 = 2$

1.9 Place the decimal point in the quotient above the decimal point in the dividend. $\frac{-36}{0}$

So, $7.6 \div 4 = 1.9$.

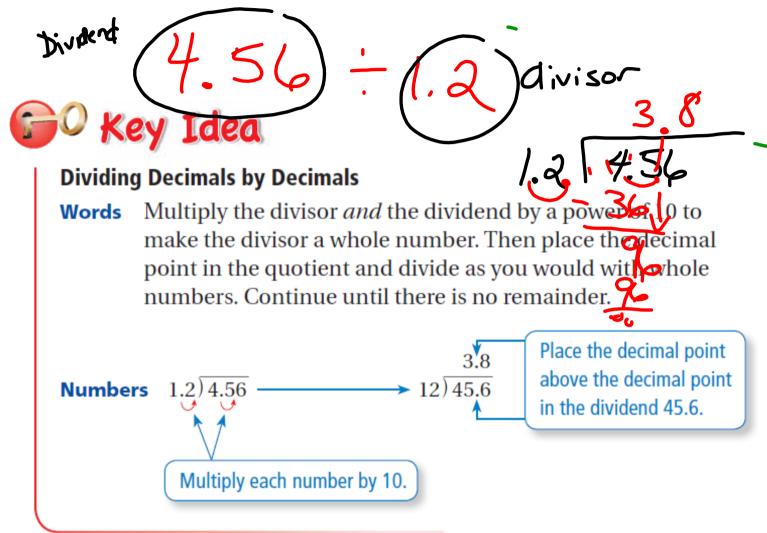
Reasonable? $1.9 \approx 2$



b. Find $4.38 \div 12$.

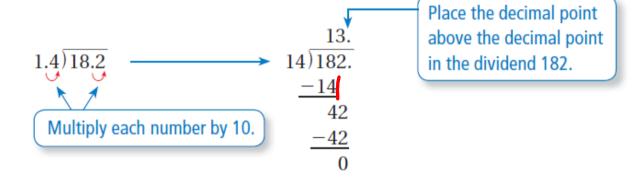
0.365 Place the decimal point in the quotient above 12)4.380 the decimal point in the dividend. -3678 Insert a zero and continue to divide. <u>- 72</u> 60 -60

So, $4.38 \div 12 = 0.365$. Check $0.365 \times 12 = 4.38$



2 Dividing Decimals

a. Find 18.2 ÷ 1.4.



- So, $18.2 \div 1.4 = 13$.
- Check $13 \times 1.4 = 18.2$

b. Find $0.273 \div 0.39$.

$$0.39)0.273 \longrightarrow 39)27.3$$

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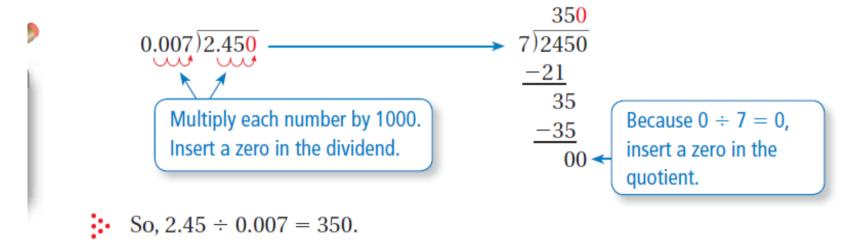
$$0.7$$

$$0.7$$

- So, $0.273 \div 0.39 = 0.7$.
- Check $0.7 \times 0.39 = 0.273$

Inserting Zeros in the Dividend and the Quotient

Divide $2.45 \div 0.007$.





Divide. Check your answer.

14.
$$0.18 \div 0.003$$

Assignment

Complete problems:

14, 16, 18, 26, 27, 32, 35, 36, 42, 44, 48, 59 on pages 97 - 99 in your Big Ideas Text Book.

Lesson 2.6

November 14, 2016

Essential Question:

How can you divide decimals?

Lesson 2.6 November 14, 2016

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Homework

11/15- 2.6 Practice Big Ideas Record and Practice Journal page 54

II/I6 - study for quiz on decimals