

Worksheet N.S. 1-1

Converting Numbers

Complete **one** side of this worksheet (the back is a little more challenging...)

Write each fraction or mixed number as a decimal. (Examples 1 and 2)

1. $\frac{2}{5} =$ _____

2. $2\frac{1}{8} =$ _____

3. $\frac{33}{40} =$ _____

4. $\frac{4}{33} =$ _____

5. $\frac{6}{11} =$ _____

6. $-7\frac{8}{45} =$ _____

7.  **Identify Repeated Reasoning** The table shows statistics about the students at Carter Junior High. (Example 3)

a. Express the fraction of students with no siblings as a decimal.

b. Find the decimal equivalent for the fraction of students with three siblings. _____

Number of Siblings	Fraction of Students
None	$\frac{1}{15}$
One	$\frac{1}{3}$
Two	$\frac{5}{12}$
Three	$\frac{1}{6}$
Four or more	$\frac{1}{60}$

Write each decimal as a fraction or mixed number in simplest form.

(Examples 4–6)

8. $-0.4 =$ _____

9. $-7.32 =$ _____

10. $0.\overline{2} =$ _____

If you are feeling confident with this topic try this side of the worksheet instead of the front.

Copy and Solve Write each decimal as a fraction or mixed number in simplest form. Show your work on a separate piece of paper. (Examples 4–6)

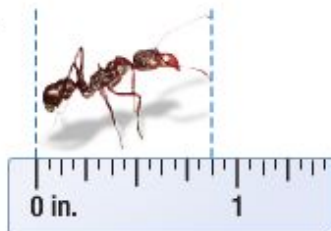
11. $-0.\overline{45}$

12. $2.\overline{7}$

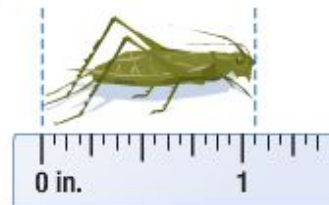
13. 5.55

CCSS Be Precise Write the length of each insect as a fraction or mixed number and as a decimal.

14.



15.



CCSS Identify Repeated Reasoning Write each fraction or mixed number as a decimal.

22. $\frac{4}{5} =$ _____

23. $5\frac{5}{16} =$ _____

24. $-6\frac{13}{15} =$ _____

Write each decimal as a fraction or mixed number in simplest form.

25. $-1.55 =$ _____

26. $3.\overline{8} =$ _____

27. $-0.\overline{09} =$ _____

Write the rainfall amount for each day as a fraction or mixed number.

28. Friday _____

29. Saturday _____

