

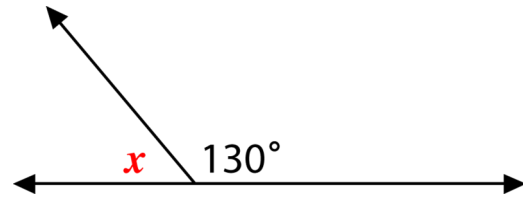
Fourth Grade Unit 8- Fraction Operations; Applications

In this unit students will:

- Add and subtract to solve problems about unknown angles on a diagram.
- Recognize that a line of symmetry divides a figure into 2 matching parts.
- Identify line-symmetric figures and draw lines of symmetry.
- Organize and represent data on line plots.
- Add or subtract fractions to solve problems involving data on line plots.
- Apply perimeter formulas for rectangles.
- Translate between decimal notation and fractions with denominators 10 or 100.
- Multiply a fraction by a whole number.
- Add mixed numbers with like denominators.
- Add multi-digit whole numbers fluently using the standard algorithm.

Ideas for Home:

-Have your child find missing angles on a diagram. Ex:



-Practice converting fractions to decimals and decimals to fractions.

Example: $\frac{3}{4} \rightarrow 3 \div 4$

$$\begin{array}{r} .75 \\ 4 \overline{)3.00} \\ \underline{-28} \\ 20 \\ \underline{-20} \\ 0 \end{array}$$

$\frac{3}{4} = 0.75$

Convert 0.32

$$\begin{aligned} 0.32 &= \frac{32}{100} && \text{divide by 2} \\ &= \frac{16}{50} \\ &= \frac{8}{25} && \text{divide by 2} \end{aligned}$$

Please note: The activities above are not homework. They are suggestions for supporting learning at home. Please consult with your child's teacher for homework and specific suggestions related to your child's needs.

Websites:

1. http://em-ccss.everydaymathonline.com/g_login.html
2. www.i-ready.com
3. <http://www.sheppardsoftware.com/>
4. <http://www.mathplayground.com/>
5. www.khanacademy.com
6. <https://www.turtlediary.com/games/fourth-grade.html>

