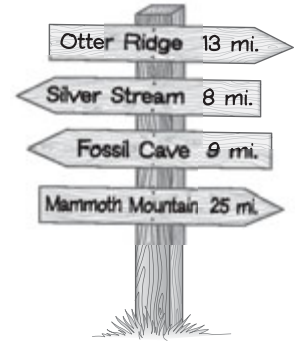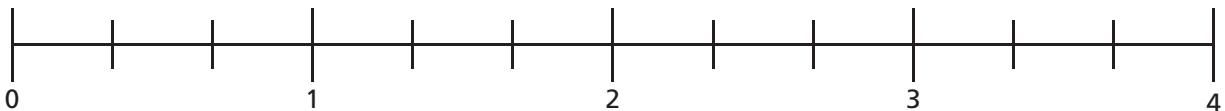**Homework**

The campers in each cabin at Bear Claw Camp held a contest to see who could walk the farthest in one day. Use the sign to answer the questions. Write your answers as fractions.

Otter Ridge 13 mi.

Silver Stream 8 mi.

Fossil Cave 9 mi.

Mammoth Mountain 25 mi.

1. The campers in Cabin A walked $\frac{1}{4}$ of the way to Otter Ridge. How many miles did they walk?

_____

2. The campers in Cabin B walked $\frac{2}{3}$ of the way to Silver Stream. How many miles did they walk?

_____

3. The campers in Cabin C walked $\frac{3}{5}$ of the way to Fossil Cave. How many miles did they walk?

_____

4. The campers in Cabin D walked $\frac{1}{6}$ of the way to Mammoth Mountain. How many miles did they walk?

_____

5. Which group of campers walked the farthest that day?

_____

6. Show $\frac{2}{3}$ of 4 on the number line.

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|----|----|----|----|----|----|----|----|----|----|----|----|
0              1              2              3              4
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7. Write $\frac{2}{3}$ of 4 as a fraction. _____

8. Write $\frac{2}{3}$ of 4 as a mixed number. _____

Multiply. Write your answers as fractions.

9. $\frac{2}{7} \cdot 4 =$ _____

10. $\frac{2}{3} \cdot 8 =$ _____

11. $\frac{5}{6} \cdot 4 =$ _____

12. $\frac{2}{9} \cdot 20 =$ _____

13. $\frac{7}{9} \cdot 2 =$ _____

14. $\frac{3}{8} \cdot 5 =$ _____

15. $\frac{2}{3} \cdot 13 =$ _____

16. $\frac{5}{12} \cdot 18 =$ _____

17. $\frac{5}{9} \cdot 12 =$ _____

Name _____ **Date** _____

Remembering

Compare.

1. $\dfrac{5}{6}$ ◯ $\dfrac{5}{7}$ **2.** $\dfrac{1}{5}$ ◯ $\dfrac{1}{4}$ **3.** $\dfrac{8}{10}$ ◯ $\dfrac{6}{8}$

4. $\dfrac{6}{7}$ ◯ $\dfrac{7}{8}$ **5.** $\dfrac{2}{3}$ ◯ $\dfrac{3}{4}$ **6.** $\dfrac{8}{9}$ ◯ $\dfrac{6}{7}$

Compare.

7. 0.54 ◯ 0.65   **8.** 0.207 ◯ 0.342   **9.** 0.5 ◯ 0.47

10. 0.76 ◯ 0.67   **11.** 0.22 ◯ 0.41   **12.** 0.6 ◯ 0.06

Multiply.

13. $\dfrac{4}{5} \cdot 20 =$ _____   **14.** $\dfrac{2}{3} \cdot 21 =$ _____   **15.** $\dfrac{5}{8} \cdot 24 =$ _____

16. $\dfrac{1}{9} \cdot 36 =$ _____   **17.** $\dfrac{3}{4} \cdot 16 =$ _____   **18.** $\dfrac{2}{7} \cdot 14 =$ _____

19. $\dfrac{3}{12} \cdot 24 =$ _____   **20.** $\dfrac{8}{10} \cdot 80 =$ _____   **21.** $\dfrac{3}{9} \cdot 45 =$ _____

22. Stretch Your Thinking Write a multiplication equation using one whole number and one fraction that have a product of $\dfrac{18}{8}$.

_____

     Multiplication with Fractional Solutions