Name _____   Date _____

1. Write an equivalent expression in numerical form.

    A fourth as much as the product of two-thirds and 0.8

    $$\frac{1}{4} \times \left(\frac{2}{3} \times 0.8\right)$$

2. Write an equivalent expression in word form.

    a. $\frac{3}{8} \times (1 - \frac{1}{3})$

    3 eighths of the difference of 1 and $\frac{1}{3}$.

    b. $(1 - \frac{1}{3}) \div 2$

    The difference of 1 and $\frac{1}{3}$ divided by 2.

3. Compare the expressions in 2(a) and 2(b). Without evaluating, determine which expression is greater, and explain how you know.

    2(b) is greater because ÷2 is equivalent to × $\frac{1}{2}$. Since $\frac{1}{2}$ is bigger than $\frac{3}{8}$, 2(b) is bigger than 2(a).

EUREKA MATH™

Lesson 32:   Interpret and evaluate numerical expressions including the language of scaling and fraction division.

487