Name _____

Expressions with Fractions

P 5-8

Write each word phrase as an algebraic expression.

1. 2 more than $\frac{2}{3}d$ _____

2. $\frac{7}{8}$ Amanda's age _____

3. 10 fewer than $\frac{1}{2}$ the number _____

4. Number Sense How do the word phrases representing $\frac{5}{6}x + 4$ and $\frac{5}{6}x - 4$ differ?

_____

_____

_____

Evaluate each expression for $n = \frac{1}{4}$ and $n = 1\frac{5}{6}$.

5. $\frac{9}{10}n$ _____ **6.** $4\frac{1}{8}n$ _____

Evaluate each expression for $n = 2\frac{1}{3}$ and $n = 3\frac{3}{4}$.

7. $\frac{3}{5}n$ _____ **8.** $5\frac{1}{2}n$ _____

9. You can calculate Aaron's age using the expression $\frac{1}{2}n + 5$. If n = Beth's age and Beth is 16, how old is Aaron? _____

Test Prep

10. Evaluate $5\frac{1}{4}n$ for $n = \frac{2}{3}$.

A. $1\frac{1}{2}$ **B.** $2\frac{1}{5}$ **C.** $2\frac{3}{4}$ **D.** $3\frac{1}{2}$

11. Writing in Math Martha's teacher gave her a phrase and asked her to write an expression for the phrase. The expression Martha wrote was $\frac{3}{8}n$. What could the phrase have been? Explain how you know.

_____

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