Evaluating Algebraic Expressions Practice

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_ Class \_\_\_\_\_\_\_\_\_\_

Simplify each expression.

1. a + 6 ÷ 2 for a = 8 2. a + 3b – 16 a = 7 and b =3

 3. $6^{2}$ + 4x for x = 4 4. a + b + c for a = $\frac{1}{2}$, b = $\frac{3}{4}$ , and c = $\frac{2}{3}$

 5. z + 7x – (y + 5) for x = 10, y = 8, and z = 3

 6. 2a + 4b for a= 1.2 and b = 2.5

 7. 8c – d ÷ 3 + 9 for c = 6 and d = 12

 8. 3s + (t – u) for s = 5, t = $\frac{2}{3}$, u = $\frac{1}{4}$

 9. 5h + $g^{3}$ for h = 8 and g = 10

 10. 8f – 6g + f2 for f = 4 and g = 3