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

Math 8

**Unit 1 Test Review**

1. 17 – 5 $∙4÷$ 2
2. 40 – 32 ÷ 8 + 5 $∙$ 32
3. 35 – 14 ÷ 7 + 82
4. (3 – 7)2 – 5 $∙$ 7 + 18
5. $\frac{13+9^{2}÷9}{9-20 ÷4+16}$
6. Evaluate n2 – 3n + 8 when n= -4
7. Evaluate $\frac{x^{2}-4y}{2}$ when x = 4 and y = -3
8. Evaluate -3x + y2 when x = 7 and y = -2
9. Evaluate a2 – (b + c) when a = -9, b = 4, and c = -7
10. Evaluate 2v3 – 7 when v = -2
11. Translate “The product of five and number added to seven”
12. Translate “Eight less than twice a number”
13. Translate “Thirty divided by a number times six”

**14)** Translate “A number subtracted from a number”

1. Translate “Fifteen times a number minus twelve”

**16)** $\frac{-5}{12 }+ \frac{-6}{18}$

**17)** $\frac{-18}{20}+ \frac{2}{5}$

**18)** $3\frac{1}{3}- 2\frac{7}{9}$

**19)** $-7\frac{1}{8}-(-10\frac{7}{12})$

**20)** $5\frac{1}{2} ∙(-7\frac{1}{3})$

**21)** $-2\frac{7}{9} ∙(-6\frac{4}{5}$)

**22)** -$9\frac{10}{15}$ **÷** $1\frac{2}{7}$

**23)** $-3\frac{4}{6} ÷(-12\frac{1}{2})$

**24)** ( $\frac{-7}{20}+ \frac{7}{4}) ÷(-\frac{11}{15})$

**25)** $6\frac{5}{8} ∙( 5\frac{8}{11}-\left(-4\frac{3}{22}\right))$