MAT 060 (A) Name _____
PracticeExam - Chapter 2 Date _____
Instructor _____ Campus _____

All exam answers are to be in simplest form. No calculators may be used.
No notes, no books, no homework may be used while taking this exam.
Use blank spaces on the exam to show work. Attach all scratch paper to the exam.

Simplify the expression.

1) $-7 + 2$

2) $9 - 23$

3) $6 \cdot (-11)$

4) $(-15) \div (-3)$

5) $(-3) + (-7)$

6) $-12 - (-23)$

7) $(-4) \cdot (-5)$

8) $|-33| + (-6)$

9) $8 - |-2|$

10) $|7| \cdot |-18|$

11) $(-16) + 90 \div (-9)$

12) $-7 + (-33) - 12 + 6$

13) $(-2)^3 - 15 \div (-3)$

14) $(3 - 8)^2 \cdot (8 - 6)^3$

15) $(4 - 7)^2 \div (4 - 3)^3$

16) $(-9)^2 - 3^2$

17) $-8 + 180 \div (-9)$

18) $-8^2 - 9^2$

Evaluate the expression for the given replacement values.

19) $2x + y$ for $x = -5, y = 3$

20) $|x| + |y| + |z|$ for $x = -19, y = 13, z = -2$

21) $16 - y^2$ for $y = -8$

22) $6y^2$ for $y = 4$

23) $6x + 3y - 10z$ for $x = 6, y = -8, z = -1$

Solve.

24) Drew has $135 in his checking account. He writes a check for $67, withdraws $40 from an ATM, and then deposits $34. Represent the new balance in his account by an integer.

25) Find the average of -28, -15, 0, and 7.

Translate the following phrase into a mathematical expression. Use x to represent "a number."

26) The product of a number and 2

27) 57 subtracted from a number

Find the perimeter and the area of the figure. Use proper labels for your answers.

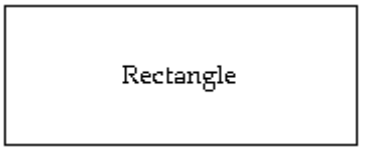
28) Perimeter = _____

6 centimeters

Area = _____

29) Perimeter = _____

36 centimeters



12 centimeters

Area = _____