

TEST #1 (MDTP Algebra Readiness) SAMPLE QUESTIONS

This test will assess your arithmetic and pre-algebra skills for placement into the possible levels shown below:

• **Math 105** - Arithmetic for College Students

• **Math 115** - Elementary Algebra

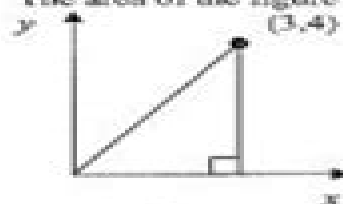
• **Math 112** - Pre-Algebra

• **EA Referral** - Referral to take Test #2 (Elementary Algebra)

Eligibility for these placements will be based on scores achieved on the 45-minute, 50-item Algebra Readiness Test.

PLEASE NOTE: CALCULATORS ARE NOT ALLOWED AT ASSESSMENT TESTING. IT IS BEST TO STUDY WITHOUT THE AID OF A CALCULATOR.

1. .29 can be written as:
(A) $2\frac{9}{100}$ (B) $\frac{29}{100}$ (C) $\frac{29}{10}$ (D) $2\frac{9}{10}$
2. $4 + 2 \times 6 =$
(A) 36 (B) 12 (C) 16 (D) 48
3. $.111 + 12.2 + 3.12 =$
(A) 15.431 (B) 16.43 (C) 435.2 (D) 43.511
4. $\frac{6}{7} \div \frac{2}{9} =$
(A) $\frac{4}{21}$ (B) $\frac{15}{14}$ (C) $\frac{3}{7}$ (D) $\frac{27}{7}$
5. $(-3) - [3(-4) + 7] =$
(A) -22 (B) 16 (C) 2 (D) -8
6. 16 is 8% of what number?
(A) 80 (B) 20 (C) 4.8 (D) 200
7. If $x = 2$, then $\frac{2+5x}{2+x} =$
(A) 3 (B) $\frac{11}{3}$ (C) 5 (D) $\frac{7}{2}$
8. $3^7 \bullet 3^3 =$
(A) 3^{10} (B) 3^{21} (C) 9^{10} (D) 9^{21}
9. $4\frac{3}{5} + 1\frac{4}{15} =$
(A) $5\frac{7}{15}$ (B) $5\frac{7}{20}$ (C) $5\frac{13}{15}$ (D) $5\frac{4}{25}$
10. The area of the figure below is.



- (A) 5 (B) 6 (C) 12 (D) 15

ANSWERS: (1) B (2) C (3) A (4) D (5) C (6) D (7) A (8) A (9) C (10) B

Sample Orleans Hanna Algebra Readiness Test

**Susan G. Assouline, Ann Lupkowski-
Shoplik**



Sample Orleans Hanna Algebra Readiness Test:

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