

Xavier University of Louisiana

Study Guide for the Xavier Mathematics Placement Test

1. Operations on integers, fractions, decimals and percentages

Practice Problems

Compute the following quantities (no calculator allowed)

1. $(-2)^2 - 2^2$
2. $(-3)(-2)(5)$
3. $7 - 3(8 - 2)$
4. $\frac{-12}{3}$
5. $\frac{-35}{-7}$
6. $(-5) - (-6)$
7. $13 + (-5)$
8. $15 - (-2)$
9. $\frac{12.36}{0.3}$
10. 13% of 270
11. $4^2 - (-4)^2$
12. $6 - 2(1 - 4)$
13. $(-3)(-2)(-4)$
14. $\frac{-12}{-2}$
15. $1 - (3 - 2)$
16. $(4.5)(2.03)$
17. $\frac{25.8}{0.05}$
18. 23% of 605