

Unit 12 Quiz 2 Review

- 1.) Pg. 55 (21)
- 2.) Pg. 55 (35)
- 3.) Pg. 56 (51)
- 4.) Pg. 56 (55)
- 5.) Pg. 57 (76ab)

Answer: a) $|p - 0.85| \leq 0.05$

b) $0.8 \leq p \leq 0.9$

- 6.) Pg.77 (17) and give the domain and range
- 7.) Pg.77 (21) and give the domain and range
- 8.) Pg.78 (35)
- 9.) Given $f(x) = -3x + 4$
Find $f(z + 2)$

Answer: $(z + 2, -3z - 4)$ or $f(z + 2) = -3z - 4$

- 10.) Given $f(x) = -3x + 4$
Find x when $f(x) = 16$

Answer: $x = -4$

- 11.) Pg. 78 (44)

Answer: $V(4) = 64$, $V(4)$ represents the volume of a cube with edge length of 4.

- 12.) Pg. 78 (45)
- 13.) Pg. 78 (47b)

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