

ALGEBRA 1A
QUARTER 1 QUIZ 4

* SHOW ALL *
WORK

NAME: _____

PER. _____ DATE: _____

* CHOOSE THE MOST CORRECT ANSWER *

Simplify

① $4(2x+5)$ ② $8x+5$ ③ $6x+9$ ④ $8x+20$ ⑤ $28x$

② $3x + 2(6x-5)$
① $3x+12x-10$ ② $3x+12x-5$ ③ $15x-5$ ④ $15x-10$

③ $8x + x + 2(-3x+2)$
① $3x+4$ ② $x+4$ ③ $3x+2$ ④ $9x-6x+4$

④ $-7(2x-4)$ ① $-14x-28$ ② $14x+28$ ③ $9x-28$ ④ $-14x+28$

⑤ $\frac{1}{3}(9x+12)$ ① $27x+36$ ② $\frac{9}{3}x + \frac{12}{3}$ ③ $3x+4$ ④ $x+4$

⑥ $5(25x-20x)$ ① $125x-20x$ ② $25x$ ③ $25x-100x$ ④ $125x-100x$

⑦ $5x+10x+15x^2$ ① $30x^2$ ② $30x$ ③ 30 ④ $15x^2+15x$

⑧ $12x^2 - 12x^2 + 14x^2$
① $38x^2$ ② $14x^2$ ③ $12x^2 - 26x^2$ ④ $10x^2$

⑨ $\left(\frac{2}{3}\right)^3$
① $\frac{6}{9}$ ② $\frac{2}{3}$ ③ $\frac{8}{3}$ ④ $\frac{8}{27}$

⑩ $\frac{4}{7} + \frac{2}{3}$
① $\frac{26}{21}$ ② $\frac{6}{10}$ ③ $\frac{8}{21}$ ④ $\frac{6}{7}$