WarmUp # 26 *Name* _____

J Allyn

Percent of change — Marissa read 48 pages an hour. After attending a speed reading class, she could average 64 pages an hour. By what percent did she increase her reading speed?

Best Buy — 1 gallon of milk sells for $ 2.80 at Safeway. Safeways sells a quart of the same milk for 65 ¢. Which is the better buy ? (4 quarts per gallon)

Rate — James could bicycle 64 miles in 3 hours. At that rate, could James bicycle to Larado 127 miles away in 6 hours ?

Proportions — $\frac{3}{7} = \frac{12}{x}$ x = ____ $\frac{4}{y} = \frac{20}{36}$ y = _____

Proportional ? — $\frac{5}{12} = \frac{30}{62}$ $\frac{2.5}{7.5} = \frac{6}{18}$

Factor — $27m^2n^4 + 45m^2n^3 - 9m^3n^4$ = _____ (_____ + _____ - _____)

Solve for 'y' — $3y - 4 + 5(y + 2) = 2(y + 4) - 4 + y + 22$

Expand _____ = _____

Simplify _____ = _____

Constant _____ = _____

Simplify _____ = _____

Variable term _____ = _____

Coefficient _____ = _____

Simplify _____ = _____

y = _____

Estimate first then find the 52% of 19.64 rounded to the hundredths place

estimate _____

rounded _____

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