Date: Aug 13

Bell ringer

Write an algebraic expression.

1. Five more than three times a number

$5+3x$ or $3x+5$

2. Seven less than twice a number

$2x-7$

3. Five times the difference of a number and twelve

$5(x-12)$

Section 1-4

You can simplify expressions by using the distributive property.

① $12(y+3)$

$12y+36$

② $4(y^2+8y+2)$

$4y^2+32y+8$

3) $17a+21a$

$38a$

4) $12b^2-8b^2+6b$

$4b^2+6b$

5) $\frac{1}{3}x + 1x + \frac{4}{9}x$

$\frac{3}{9}x + \frac{9}{9}x + \frac{4}{9}x$

$= \frac{16}{9}x$ or $1\frac{7}{9}x$

6) $4(fg + 3g) + 5g$

$4fg + 12g + 5g$

$4fg + 17g$

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$$7(a^2+b)-4(a^2+b)$$

$$7a^2+7b-4a^2-4b$$

$$\boxed{3a^2+3b}$$

Assignment

p. 29-30

4-10 E

26-56 E