

1.
BE-1A TUESDAY 9-11-07

• DO PRACTICE QUIZ 2 ON Page 36

⇒ TAKE OUT Homework - pg 63 #1-10

Review

• DEFINE "Like Terms"

• Simplify

① $8x - 3x + 5(2x - 4)$

② $\frac{1}{2}(10x + 12)$

③ $5xy + 2x + 6y + 4xy + 5x^2$

④ $(-3)^1 = ?$	{	⑦ $-3^1 = ?$
⑤ $(-3)^2 = ?$		⑧ $-3^2 = ?$
⑥ $(-3)^3 = ?$		⑨ $-3^3 = ?$

WRITE AN ALGEBRAIC EXPRESSION FOR EACH VERBAL EXPRESSION, THEN SIMPLIFY.

- ① twice the sum of s and t decreased by s
2. $\underbrace{\hspace{1.5cm}}_{(s+t)} \quad \underbrace{\hspace{1cm}}_{-} \quad \underbrace{\hspace{1cm}}_s$

$$\boxed{2(s+t) - s}$$

$$2(s+t) - s$$

$$2s + 2t - s$$

$$2s - s + 2t$$

$$\swarrow \quad \searrow$$

$$1s + 2t$$

$$\boxed{s + 2t}$$

② five times the product of x and y increased by $3xy$

$$\underbrace{5 \cdot} \quad \underbrace{xy} \quad \underbrace{+} \quad \underbrace{3xy}$$

$$\begin{array}{c} \swarrow \quad \searrow \\ \boxed{5xy + 3xy} \end{array}$$

$$5xy + 3xy = \boxed{8xy}$$

Classwork $\Rightarrow$ WORKSHEET 1-6a

• INDIVIDUAL GRADED WORK
