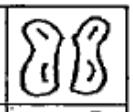
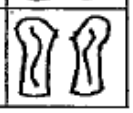
FACEing MATH™ Name: _____

Lesson 4: _____

Directions: ***Find the correct answer and use a pencil to DRAW the object that corresponds to your answer.***

1. $-6(y-3)$

(a) If your answer is $-6y+18$ draw the following ears.	
(b) If your answer is $-6y-18$ draw the following ears.	

2. $-(-a-15)$

(a) If your answer is $a-15$ draw a small patch of hair on the top of the head.	
(b) If your answer is $a+15$ draw a small patch of hair above each of the ears.	

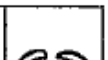
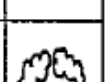
3. $16-3a(a-2)$

(a) If your answer is $-3a^2+6a+16$ draw the following glasses and eyes.	
(b) If your answer is $-3a^2+18$ draw the following glasses and eyes.	

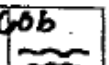
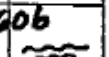
4. $(y-15)y$

(a) If your answer is y^2-15y draw the following LARGE nose and mustache.	
(b) If your answer is y^2-15 draw the following LARGE nose and mustache.	

5. $h(3h+16)$

(a) If your answer is $3h^2+h$ draw the following skinny eyebrows.	
(b) If your answer is $3h^2+16h$ draw the following bushy eyebrows.	

6. $-5b(-b-12)$

(a) If your answer is $5b^2-60b$ draw two wrinkle lines on the forehead.	
(b) If your answer is $5b^2+60b$ draw three wrinkle lines on the forehead.	

7. $-p^2(p-3)$

(a) If your answer is $-p^3+3p^2$ draw two wrinkle lines on each cheek.	
(b) If your answer is p^3-3p^2 draw three wrinkle lines on each cheek.	

8. $(a-5)3$

(a) If your answer is $3a-15$ draw a necktie on the shirt.	
(b) If your answer is $-3a-15$ draw a bow tie on the shirt.	

9. $-12\left(\frac{1}{4}a-5\right)$

(a) If your answer is $-3a+60$ write the scientific term for water (H_2O) on the shirt.	H_2O
(b) If your answer is $-48+60$ draw a pencil coming out of a pocket on the shirt.	

10. $3.6a(-a-1.2)$

$-3.6a^2-4.32$

(a) If your answer is _____ draw a light bulb above the head.	
(b) If your answer is _____ draw a broken light bulb above the head.	

$-3.6a^2+2.4$

11. $\frac{1}{5}c(-20c-15)$

(a) If your answer is $-4c-3$ draw a science beaker with bubbling liquid.	
(b) If your answer is $-4c+3$ draw a science beaker on fire.	

12. $-\frac{1}{3}p\left(-\frac{6}{7}p-18\right)$

$1\frac{4}{21}p^2+18$

(a) If your answer is _____ write the formula $A=\frac{1}{2}bh$ on the background.	$A=\frac{1}{2}bh$
(b) If your answer is _____ write the formula $E=mc^2$ on the background.	$E=mc^2$

$\frac{2}{7}p^2+6$

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