Homework / Class work

Page 255 - 257

#16(acfh), #19, #21(cd), #25, #22(try)

16 acfh

$$\frac{10x^2+4x}{2x}$$

$$\frac{10x^2}{2x}+\frac{4x}{2x}$$

$5x+2$

$$\frac{6y+3y^2}{3y}$$

$$\frac{6y}{3y}+\frac{3y^2}{3y}$$

$2+1y$

$2+y$

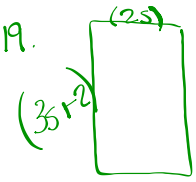
$$(-8m^2+18m)\div(-2m)$$

$$\frac{-8m^2+18m}{-2m}$$

$$\frac{-8m^2}{-2m}+\frac{18m}{-2m}$$

$4m-9$

19.



$A_{\square} = l \times w$

$= (3s+2)(2s)$

$= (2s)(3s+2)$

$= 6s^2 + 4s$

$A = (2s)(s+1)$

$= 2s^2 + 2s$

$(6s^2 + 4s) - (2s^2 + 2s)$

$(6s^2 + 4s) + (-2s^2 - 2s)$

$6s^2 + 4s - 2s^2 - 2s$

$6s^2 - 2s^2 + 4s - 2s$

$4s^2 + 2s$

BEDMAS

$A = 4s^2 + 2s$

$= 4(2.5)^2 + 2(2.5)$

$= 4(6.25) + 2(2.5)$

$= 25 + 5$

$= 30\ cm^2$

25. BEDMAS

$[(2x^2 - 8x + 3xy + 5) + (24x^2 - 16x - 12xy)] \div 4x$

$[2x^2 - 8x + 3xy + 5 + 24x^2 - 16x - 12xy] \div 4x$

$[2x^2 + 24x^2 - 8x - 16x + 3xy - 12xy + 5] \div 4x$

$[26x^2 - 24x - 9xy + 5] \div 4x$

$\frac{26x^2}{4x} - \frac{24x}{4x} - \frac{9xy}{4x} + \frac{5}{4x}$

$\frac{13x}{2} - 6 - \frac{9}{4}y + \frac{5}{4x}$

Mono
Bi
Tri
Poly
Not a poly

1) For each of the following state:

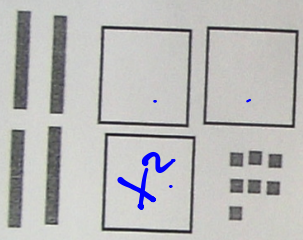
	a) $-4x^{13} - 2x^7 + 5$	b) $2y^{22} + 3x^{27}$	c) $13p$	d) $14x^5$	e) $\sqrt{x}$
Type:	Tri	Bi	Mon	Mon	None
Degree:	13	27	1	5	
Variables:	x	x + y	p	x	x
Coefficients:	-4, -2	2, 3	13	14	1
Constants:	5				

2) Write in proper order:

$23x^{17} - 36x^{21} - 15 - 9x^{10} - 5x^6$

Answer: $-36x^{21} + 23x^{17} - 9x^{10} - 5x^6 - 15$

3) Write the expression that represents the below algebra tiles :



$3x^2 - 4x - 7$

Answer