Dec 5, 2014

Questions from the homework...

25. p. 257

$$\frac{(2x^2-8x+3xy+5)+(24x^2-16x-12xy)}{4x}$$

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

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

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

p. 257

19. $A = 2s(3s+2) - 2s(s+1)$

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

$= 4s^2 + 2s$

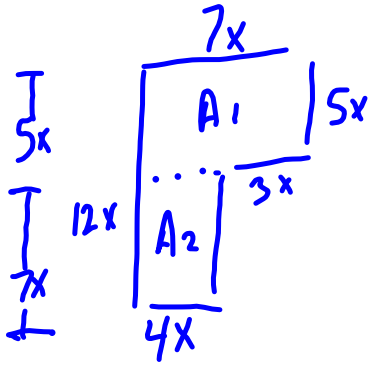
c) $s = 2.5$ cm

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

$= 25 + 5$

$= 30 \text{ cm}^2$

p. 257 #22



$A = 7x(5x) + (4x)(7x)$

$= 35x^2 + 28x^2$

$= 63x^2$

Name _____ Quiz Dec. 5, 2014

1. $2x(x + 6) = 2x(x) + 2x(6)$
$= 2x^2 + 12x$

2. $(-3 + 6r)(2r) = -3(2r) + 6r(2r)$
$= -6r + 12r^2$

$r^8 \cdot r^4 = r^{12}$

$(r^4)(r^4) = r^8$

Review

p. 259 - 261

1 - 6

9 - 10

12, 14 - 20

22 - 24

26 - 29