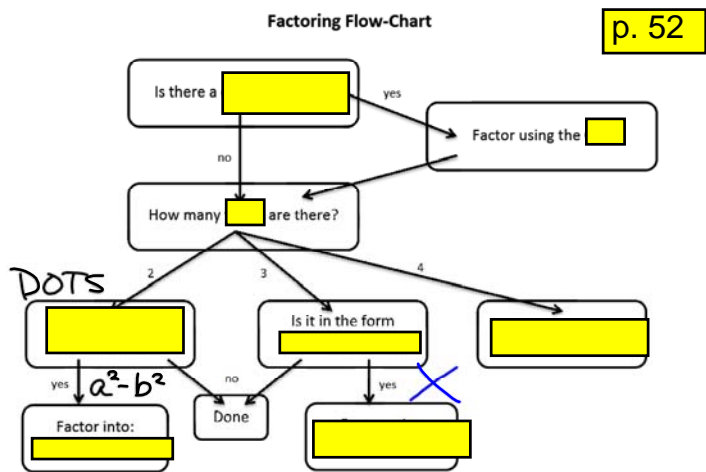


p. 52-53 Factoring Flowchart 4.4

p. 52

Tape/Glue the Factoring Flow-chart in your notebooks.



p. 53

Multiplication Chart (12 x 12)													
X	0	1	2	3	4	5	6	7	8	9	10	11	12
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	1	2	3	4	5	6	7	8	9	10	11	12
2	0	2	4	6	8	10	12	14	16	18	20	22	24
3	0	3	6	9	12	15	18	21	24	27	30	33	36
4	0	4	8	12	16	20	24	28	32	36	40	44	48
5	0	5	10	15	20	25	30	35	40	45	50	55	60
6	0	6	12	18	24	30	36	42	48	54	60	66	72
7	0	7	14	21	28	35	42	49	56	63	70	77	84
8	0	8	16	24	32	40	48	56	64	72	80	88	96
9	0	9	18	27	36	45	54	63	72	81	90	99	108
10	0	10	20	30	40	50	60	70	80	90	100	110	120
11	0	11	22	33	44	55	66	77	88	99	110	121	132
12	0	12	24	36	48	60	72	84	96	108	120	132	144

Courtesy of www.memory-improvement-tips.com

p. 53

Practice! Factor the following completely.

1. $4x^3 + 14x^2 + 10x$

2. $25x^2 - 16$

$$\underline{2x}(2x^2 + 7x + 5)$$

~~$$\begin{array}{r} 7 \\ 5x \times 2x \\ \hline 10 \end{array}$$~~

$$\begin{array}{r} x \quad 1 \\ 2x \quad 2x \\ 5 \quad 5 \end{array}$$

$$\underline{2x(2x+5)(x+1)}$$

2. $25x^2 - 16$

$$(5x+4)(5x-4)$$

Ch. 4 Factoring Mid-Chapter Assessment REVIEW