
$5^{\ln \log i c}$

$$
2,3,7,9
$$

- 

$\square$
continue $2-1$ discussion

(2) Fact-- $\begin{array}{rr}x^{2}+21 x+80 & \frac{80}{1,80} \\ (x+5)(x+16) & 2,40\end{array}$

$$
\frac{4,20}{5,16} \frac{8,10}{4}
$$

(3)

$$
\begin{aligned}
& \text { Factor } 2 x^{2}+13 x+15 \\
& x(2 x+1)(x+15) \\
& x(2 x+15)(x+1) \\
& \sqrt{1,15} \\
& (2 x+3)(x+5) \\
& x(2 x+5)(x+3)
\end{aligned}
$$

(4)

$$
\begin{aligned}
& \text { Factor } 3 x^{2}+17 x+10 \\
& x(3 x+1)(x+10) \\
& x(3 x+10)(x+1) \\
& x(3 x+2)(x+5) \\
& x(3 x+5)(x+2)
\end{aligned}
$$

(5)

$$
\begin{aligned}
& \text { factor } 6 x^{2}+17 x+5 \\
& x(6 x+1)(x+5) \\
& x(6 x+5)(x+1) \\
& \sqrt{1,5} \\
& x(3 x+1)(2 x+5) \\
& x(3 x+5)(2 x+1)
\end{aligned}
$$

(6) Factue $2 x^{2}+14 x+20$

$$
\begin{aligned}
& 2\left(x^{2}+7 x+10\right) \\
& 2(x+5)(x+2)
\end{aligned}
$$

(7)

$$
\begin{aligned}
& \text { Fultor } 5 x^{2}-34 x-7 \quad 1,7 \\
& (5 x+1)(x-7) \\
& (5 x \quad 7)(x \quad 1)
\end{aligned}
$$

(8)

$$
\begin{aligned}
& \text { Factor } 2 x^{2}-5 x-3 \quad \frac{3}{1,3} \\
& \sqrt{(2 x+1)(x-3)} \\
& (2 x-1)(x+3) \\
& (2 x+3)(x-1) \\
& (2 x-3)(x+1)
\end{aligned}
$$

9-17.13
$4^{2}$ Toin
Logic 6

|  |  |  |  |
| :---: | :---: | :---: | :---: |
|  |  |  |  |
|  | 12,10 | 1 | . |
| . | 7 | 6 | $\cdot$ |

Continue discussing factoring
(1)

$$
\text { fartor } \begin{array}{ll}
x^{2}+11 x+30 & \frac{30}{1,30} \\
(x+5)(x+6) & 2,15 \\
& 3,10 \\
& 5,6
\end{array}
$$

$$
\begin{gathered}
(x+3)(x-4) \\
\begin{array}{c}
1,12 \\
2,6 \\
3,4
\end{array}
\end{gathered}
$$

(3)

$$
\begin{aligned}
& \text { Faltor } 2 x^{2}+7 x+3 \\
& \quad(2 x+1)(x+3) \\
& \quad X(2 x+3)(x+1)
\end{aligned}
$$

(4)

$$
\begin{aligned}
& \text { factor } 5 x^{2}+17 x+6 \\
& x(5 x+\sqrt{x}(x+6) \\
& x(5 x+6)(x+1) \\
& \quad \begin{array}{l}
1,6 \\
(5 x+2)(x+3) \\
\\
x(5 x+3)(x+2)
\end{array}
\end{aligned}
$$

(5)

$$
\begin{aligned}
& \text { Factor } 3 x^{2}+13 x+10 \frac{10}{1,10} \\
& x(3 x+1)(x+10) \\
& (3 x+10)(x+1) \\
& x(3 x+2)(x+5) \\
& x(3 x+5)(x+2)
\end{aligned}
$$

(6)

$$
\begin{gathered}
\text { Factor } 2 x^{2}+10 x+8 \\
2\left(x^{2}+5 x+4\right) \\
2(x+1)(x+4)
\end{gathered}
$$

(7)

$$
\begin{aligned}
& 5 x^{2}-34 x-7 \\
& (5 x+1)(x-7) \\
& (5 x \quad 7)(x \quad 1)
\end{aligned}
$$

(8)

$$
\begin{aligned}
& \text { Factsr } \frac{2 x^{2}+9 x-11}{1111} \\
& \quad \begin{array}{l}
(2 x \sqrt{11} 11) \\
(2 x+11)(x-1)
\end{array}
\end{aligned}
$$

(9)

$$
\begin{aligned}
& \text { Fucto } 5 x^{2}+7 x-6 \\
& x(5 x 1)\left(x^{6}\right) \\
& x(5 x+6)(x-1) \\
& x\left(5 x-\frac{6}{1,6}\right. \\
& \left(5 x^{2}\right)\left(x^{3}\right) \\
& (5)
\end{aligned}
$$

