1.4 Order of Operations

$$
\begin{gathered}
(2 x-5)\left\{3 x+\left[2 x(3 x-4)(2 x+5)^{2}\right]+3\right\} \\
2+(3-4) \div 2
\end{gathered}
$$

$E$ Exponents

$$
\begin{gathered}
(2+3)+2^{2} \\
5+2^{2} \\
7^{2} \\
5+4
\end{gathered}
$$

(9)

PEMDAS
$P$ Grouping Symbols

$$
\begin{gathered}
(),[],\{ \}, \\
\frac{4+3}{19-5}=\frac{7}{14}=\frac{1}{2}
\end{gathered}
$$

M/D Multiply $/$ Divide

$$
\begin{array}{cc}
42 \div 6 \times 2 & 2 \times 6 \div 4 \\
7 \times 2 & 12 \div 4 \\
14 & 3
\end{array}
$$

A/S Addition/Subtraction

$$
\begin{array}{cc}
8-6+2 & 12+6-15 \\
2+2 & 18-15 \\
4 & 3
\end{array}
$$

$$
\begin{gathered}
(2+3)^{2}-7 \times 3 \\
5^{2}-7 \times 3 \\
25-7 \times 3 \\
25-21 \\
4
\end{gathered}
$$

$$
\begin{aligned}
& P 23-24 \\
& 2 \text {-36even, 50,54 }
\end{aligned}
$$

