

AN Algorithm for Subtraction

$$\begin{array}{r} 4'3'2 \\ - 1'8'8 \\ \hline 244 \end{array}$$

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- | | |
|---------|--|
| 4'3'2 | ① create 12 |
| ① 1'8'8 | ② create 90 |
| <hr/> | ③ $12 - 8 = 4$ |
| 244 | ④ create <u>130</u> |
| | ⑤ create <u>200</u> |
| | ⑥ <u>130</u> - <u>90</u> = <u>40</u> |
| | ⑦ <u>400</u> - <u>200</u> = <u>200</u> |

AN Algorithm for Subtraction

$$\begin{array}{r} 4'3'2 \\ - 1'88 \\ \hline 244 \end{array}$$

$$\begin{array}{r} 4'3'2 \\ - \textcircled{1}1'88 \\ \hline 244 \end{array}$$

① create 12

② create 90

③ $12 - 8 = 4$

④ create 130

⑤ create 200

⑥ 130 - 90 = 40

⑦ 400 - 200 = 200

$$\begin{array}{r}
 ^*41312 \\
 -^*1188 \\
 \hline
 244
 \end{array}$$

$$400 + 30 + 12 = ^*442$$

$$100 + 90 + 8 = ^*198$$

$$\begin{array}{r}
 400 + 130 + 12 = ^*542 \\
 200 + 90 + 8 = ^*298
 \end{array}$$

$$\begin{array}{r}
 542 \\
 -298 \\
 \hline
 244
 \end{array}$$