Multiplication: Regrouping
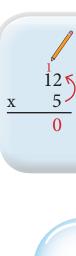
$$
\begin{array}{r}
^{1} \\
12 \\
\times \ \ 5 \\
\hline
0
\end{array}
$$
First, multiply the 5 by the 2 to get 10. The number 0 is left below and the 1 is regrouped in the tens place.

$$
\begin{array}{r}
^{1} \\
12 \\
\times \ \ 5 \\
\hline
0
\end{array}
$$
Next, multiply the 5 by the 1 in the tens place to get 5. Add the 1 you regrouped to get 6.

$$
\begin{array}{r}
^{1} \\
12 \\
\times \ \ 5 \\
\hline
60
\end{array}
$$
Finally, since the number is under 10 and does not need to be regrouped, write the 6 below in the tens place.

Multiply the problems below.

$$
\begin{array}{r}
13 \\
\times \ \ 5 \\
\hline
65
\end{array}
\qquad
\begin{array}{r}
14 \\
\times \ \ 3 \\
\hline
42
\end{array}
\qquad
\begin{array}{r}
12 \\
\times \ \ 8 \\
\hline
96
\end{array}
\qquad
\begin{array}{r}
15 \\
\times \ \ 3 \\
\hline
45
\end{array}
\qquad
\begin{array}{r}
35 \\
\times \ \ 2 \\
\hline
70
\end{array}
$$

$$
\begin{array}{r}
18 \\
\times \ \ 2 \\
\hline
36
\end{array}
\qquad
\begin{array}{r}
28 \\
\times \ \ 2 \\
\hline
56
\end{array}
\qquad
\begin{array}{r}
29 \\
\times \ \ 3 \\
\hline
87
\end{array}
\qquad
\begin{array}{r}
15 \\
\times \ \ 5 \\
\hline
75
\end{array}
\qquad
\begin{array}{r}
18 \\
\times \ \ 4 \\
\hline
72
\end{array}
$$

$$
\begin{array}{r}
13 \\
\times \ \ 7 \\
\hline
91
\end{array}
\qquad
\begin{array}{r}
19 \\
\times \ \ 3 \\
\hline
57
\end{array}
\qquad
\begin{array}{r}
12 \\
\times \ \ 6 \\
\hline
72
\end{array}
\qquad
\begin{array}{r}
24 \\
\times \ \ 3 \\
\hline
72
\end{array}
\qquad
\begin{array}{r}
16 \\
\times \ \ 5 \\
\hline
80
\end{array}
$$

$$
\begin{array}{r}
14 \\
\times \ \ 5 \\
\hline
70
\end{array}
\qquad
\begin{array}{r}
17 \\
\times \ \ 2 \\
\hline
34
\end{array}
\qquad
\begin{array}{r}
12 \\
\times \ \ 7 \\
\hline
84
\end{array}
\qquad
\begin{array}{r}
16 \\
\times \ \ 8 \\
\hline
128
\end{array}
\qquad
\begin{array}{r}
18 \\
\times \ \ 3 \\
\hline
54
\end{array}
$$

Multiplication: Regrouping

$\overset{2}{5}5$
x 5
____
5

First, multiply the 5 by the 5 to get 25. The number 5 is left below and the 2 is regrouped above in the tens place.

$\overset{2}{5}\overset{2}{5}$
x 5
____
75

Next, multiply the 5 ones by the 5 in the tens place to get 25. Add the 2 you regrouped to get 27. The 7 is left below in the tens place and the 2 is re-grouped above in the hundreds place.

$\overset{2}{5}\overset{2}{5}$
x 5
____
275

Finally, add the number 2 in the hundreds place above to the hundreds place below.

Multiply the problems below.

52
× 5
____
260

45
× 7
____
315

50
× 8
____
400

65
× 3
____
195

65
× 4
____
260

88
× 2
____
176

20
× 6
____
120

41
× 5
____
205

95
× 2
____
190

15
× 8
____
120

62
× 2
____
124

33
× 5
____
165

20
× 8
____
160

44
× 6
____
264

36
× 4
____
144

70
× 5
____
350

17
× 7
____
119

90
× 2
____
180

12
× 9
____
108

84
× 3
____
252