

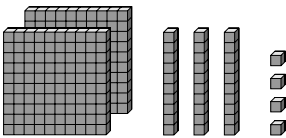
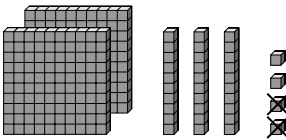
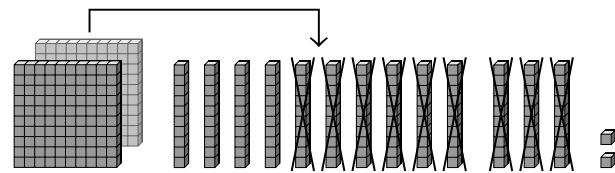
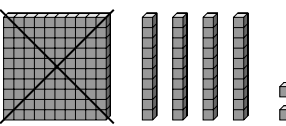
Models for Subtracting Three-Digit Numbers

R 3-8

You can use place-value blocks to subtract.

Find $234 - 192$.

Estimate: $230 - 190 = 40$, so the answer should be about 40.

What You Show	What You Write
<p>Step 1</p> <p>Show 234 with place-value blocks.</p> 	$\begin{array}{r} 234 \\ -192 \\ \hline \end{array}$
<p>Step 2</p> <p>Subtract the ones. Regroup if needed. $4 > 2$. No regrouping is needed.</p>  <p style="text-align: center;">$4 \text{ ones} - 2 \text{ ones} = 2 \text{ ones}$</p>	$\begin{array}{r} 234 \\ -192 \\ \hline 2 \end{array}$
<p>Step 3</p> <p>Subtract the tens. Regroup if needed. $3 \text{ tens} < 9 \text{ tens}$, so regroup 1 hundred for 10 tens.</p>  <p style="text-align: center;">$13 \text{ tens} - 9 \text{ tens} = 4 \text{ tens}$</p>	$\begin{array}{r} 1 \text{ } 13 \\ 234 \\ -192 \\ \hline 42 \end{array}$
<p>Step 4</p> <p>Subtract the hundreds.</p>  <p style="text-align: center;">$1 \text{ hundred} - 1 \text{ hundred} = 0 \text{ hundreds}$</p>	$\begin{array}{r} 1 \text{ } 13 \\ 234 \\ -192 \\ \hline 42 \end{array}$

Find the value of the remaining blocks:

$$4 \text{ tens} + 2 \text{ ones} = 40 + 2 = 42$$

So, $234 - 192 = 42$.

Find each difference. You may use place-value blocks or draw a picture to help.

1.
$$\begin{array}{r} 156 \\ - 28 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 191 \\ - 122 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 321 \\ - 76 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 446 \\ - 355 \\ \hline \end{array}$$