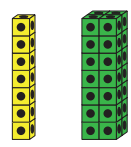## Teacher Guide

Find the Twins (TG)
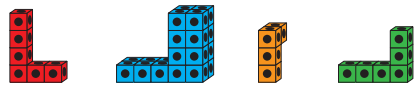**Homework**
Questions 1–3

1. The first and the third model have the same shape.

2. The first and the fourth model have the same shape.

3. **A.** Possible responses: The number of cubes or volume is the same. They both have 6 cubes.

   B. Possible responses: The shape is different; one is straight, one is not; one looks like a "T"; one looks like a line

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Part 2. Subtraction with Base-Ten Pieces
Questions 1–2 (TG p. 1)

1. A.

10s	1s
3 $\not{4}$	16 $\not{6}$
− 2	7
1	9

B.

10s	1s
6 $\not{7}$	12 $\not{2}$
− 5	6
1	6

2. Strategies will vary. One solution is shown for each.

A. 19;

$$-7 \quad -10 \quad -10$$
19 \quad 26 \quad 36 \quad 46
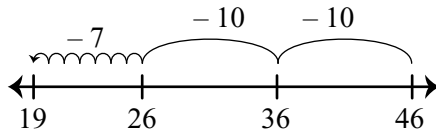
B. $72 = 70 + 2 = 60 + 12$
$56 = 50 + 6 = 50 + 6$
$10 + 6 = 16$

Part 3. Relate Subtraction and Addition
Questions A–J (TG p. 2)

A. $7 - 1 = \boxed{6}$ **B.** $7 - \boxed{6} = 1$

C. $70 - \boxed{10} = 60$ **D.** $70 - \boxed{60} = 10$

E.
$$\begin{array}{r} 6 \\ +\ 2 \\ \hline 8 \end{array}$$
F.
$$\begin{array}{r} 8 \\ -\ 6 \\ \hline 2 \end{array}$$
G.
$$\begin{array}{r} 50 \\ +20 \\ \hline 70 \end{array}$$

H.
$$\begin{array}{r} 70 \\ -50 \\ \hline 20 \end{array}$$
I.
$$\begin{array}{r} 6 \\ +\ 5 \\ \hline 11 \end{array}$$
J.
$$\begin{array}{r} 11 \\ -\ 6 \\ \hline 5 \end{array}$$

K. Possible response: I can think $6 + ? = 11$, that's 5, $11 - 6 = 5$.

L. Possible response: I know 6 is $5 + 1$ so I think of the number line and hop back 1 from 11 to 10 then back 5 more to 5, so $11 - 6 = 5$.


Name _____ Date _____

Unit 10: Home Practice

Part 1 **Triangle Flash Cards:**
Group B Subtraction Facts

Take home your *Triangle Flash Cards: Group B Subtraction Facts*. Ask a family member to choose one flash card at a time for you to solve. Sort the flash cards into three piles: Facts I Know Quickly, Facts I Can Figure Out, and Facts I Need to Learn. Update your *Subtraction Facts I Know* chart. Clip the cards in the Facts I Know Quickly pile together and place them back into the envelope. Practice the facts in the last two piles again.

Part 2 **Subtraction with Base-Ten Pieces**

1. Think of base-ten pieces as you solve each problem.

A.

10s	1s
4	6
− 2	7

B.

10s	1s
7	2
− 5	6

2. Now solve each problem using a different method.

A.
$$\begin{array}{r} 46 \\ -27 \end{array}$$
B.
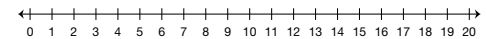$$\begin{array}{r} 72 \\ -56 \end{array}$$

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Name _____ Date _____

Part 3 **Relate Subtraction and Addition**

A. $7 - 1 = \boxed{}$ **B.** $7 - \boxed{} = 1$

C. $70 - \boxed{} = 60$ **D.** $70 - \boxed{} = 10$

E.
$$\begin{array}{r} 6 \\ +\ 2 \end{array}$$
F.
$$\begin{array}{r} 8 \\ -\ 6 \end{array}$$
G.
$$\begin{array}{r} 50 \\ +20 \end{array}$$

H.
$$\begin{array}{r} 70 \\ -50 \end{array}$$
I.
$$\begin{array}{r} 6 \\ +\ 5 \end{array}$$
J.
$$\begin{array}{r} 11 \\ -\ 6 \end{array}$$

K. Show or tell how to use the problem in Question I to solve Question J.

L. Show or tell how to use counting back to solve Question J.

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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