

3. A. Romesh used 13 cubes to make this building plan. He forgot to fill in one part of the plan. Find the missing number. Write a number sentence.

2	4	1
1	?	2

Number sentence _____

- B. Show or tell how you found the missing number.

3. A. Missing number is 3; Number sentences will vary. Possible number sentence: $2 + 4 + 1 + 1 + 3 + 2 = 13$ cubic units
- B. Possible response: I know the volume is 13 cubic units, so I started with 13 and subtracted the values that were listed on the building plan. $13 - 2 = 11$; $11 - 4 = 7$; $7 - 1 = 6$; $6 - 1 = 5$; $5 - 2 = 3$, so I know that 3 is the missing value.

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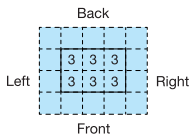
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Name _____ Date _____

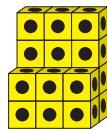
Match Up



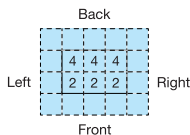
Match each building plan with the picture of the building and connect them with a line. Then tell what number sentence goes with each Building Plan.



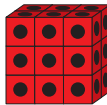
Building Plan 1



Chair Building



Building Plan 2



Box Building

$3 + 3 + 3 + 3 + 3 + 3 = 18$

Building Plan _____

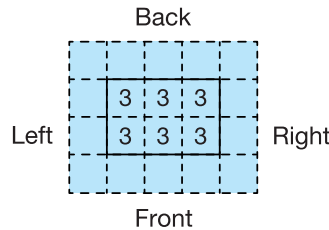
$2 + 2 + 2 + 4 + 4 + 4 = 18$

Building Plan _____

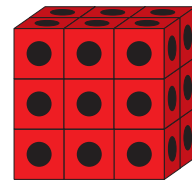
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**Match Up (TG)
Homework**



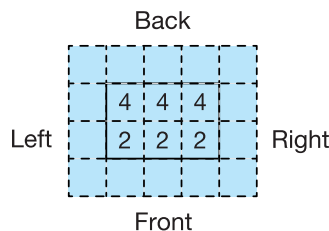
Building Plan 1



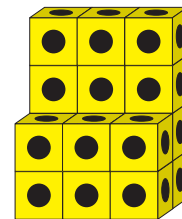
Box Building

$3 + 3 + 3 + 3 + 3 + 3 = 18$

Building Plan 1



Building Plan 2



Chair Building

$2 + 2 + 2 + 4 + 4 + 4 = 18$

Building Plan 2

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Name _____ Date _____

Part 4 Just the Facts

1. Make each number sentence true.

A. $9 - 1 = \square + 6$ B. $1 + 6 = 8 - \square$
 C. $4 - \square = 4 + 0$ D. $4 + \square = 6 - 1$
 E. $3 + \square = 5 - 2$ F. $7 - 2 = \square + 4$

2. Complete the fact families.

A. $5 + 1 = 6$ B. $5 + 3 = 8$ C. $1 + 8 = 9$

_____ _____ _____
 _____ _____ _____
 _____ _____ _____

3. Solve the addition and subtraction problems.

A. $4 + 1 = \square$ B. $60 - 20 = \square$
 $40 + 10 = \square$ $6 - 2 = \square$
 C. $10 + \square = 80$ D. $5 - 3 = \square$
 $1 + \square = 8$ $50 - 30 = \square$

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Part 4. Just the Facts (TG p. 3)
Questions 1–3

1. A. $9 - 1 = \boxed{2} + 6$
 B. $1 + 6 = 8 - \boxed{1}$
 C. $4 - \boxed{0} = 4 + 0$
 D. $4 + \boxed{1} = 6 - 1$
 E. $3 + \boxed{0} = 5 - 2$
 F. $7 - 2 = \boxed{1} + 4$
2. A. $1 + 5 = 6$ B. $3 + 5 = 8$
 $6 - 5 = 1$ $8 - 5 = 3$
 $6 - 1 = 5$ $8 - 3 = 5$
- C. $8 + 1 = 9$
 $9 - 8 = 1$
 $9 - 1 = 8$
3. A. $4 + 1 = \boxed{5}$ B. $60 - 20 = \boxed{40}$
 $40 + 10 = \boxed{50}$ $6 - 2 = \boxed{4}$
 C. $10 + \boxed{70} = 80$ D. $5 - 3 = \boxed{2}$
 $1 + \boxed{7} = 8$ $50 - 30 = \boxed{20}$

Name _____ Date _____

Part 5 Checking with Addition

1. Kim's solution to some subtraction problems are below. She made some mistakes. Use addition to check her answers and find her mistakes. If an answer is wrong, rewrite the problem and solve it correctly.

Check with Addition	Solve the Problem
<p>A. 93 $\underline{-49}$ 56</p>	
<p>B. 49 $\underline{-27}$ 22</p>	
<p>C. 67 $\underline{-39}$ 32</p>	

2. Solve by making both sides equal.

A. $8 + 12 = 18 + \square$ B. $9 + 16 = 19 + \square$
 C. $6 + 14 = 16 + \square$ D. $5 + 23 = 15 + \square$
 E. $17 + 3 = 7 + \square$ F. $21 + 7 = 11 + \square$

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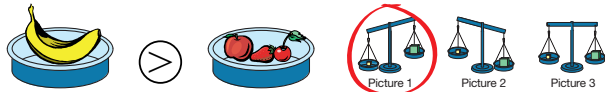
Part 5. Checking with Addition
Questions 1–2 (TG p. 4)

1. A. Wrong
- $$\begin{array}{r} 56 \\ +49 \\ \hline 105 \end{array} \quad \begin{array}{r} 8\ 13 \\ \cancel{93} \\ -49 \\ \hline 44 \end{array}$$
- B. Correct
- $$\begin{array}{r} 22 \\ +27 \\ \hline 49 \end{array}$$
- C. Wrong
- $$\begin{array}{r} 32 \\ +39 \\ \hline 71 \end{array}$$
-
2. A. 2 B. 6
 C. 4 D. 13
 E. 13 F. 17

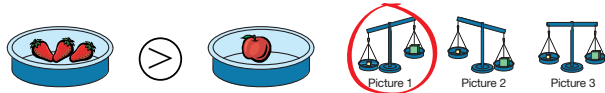
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Part 6. Comparing Masses (TG p. 5)
Questions A–D

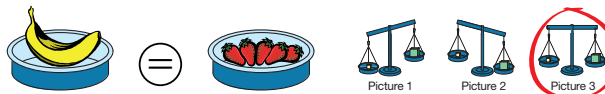
A.



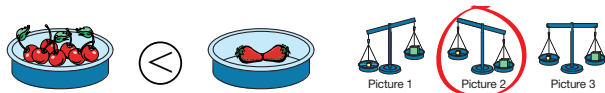
B.



C.

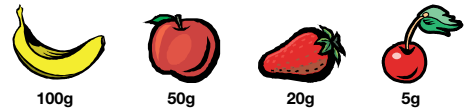


D.



Name _____ Date _____

Part 6 Comparing Masses



Compare the two quantities in the balance pans. Circle the picture that shows what will happen.

A.

B.

C.

D.

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< less than
> greater than
= equal to



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