

**Student Activity Book**

**The Children Who Traveled to Find a Hard Problem (SAB pp. 458–459)**

**Dinner Guests**

\* 20 plates;  $16 + 4 = 20$  (Possible response: I counted on: 17, 18, 19, 20)

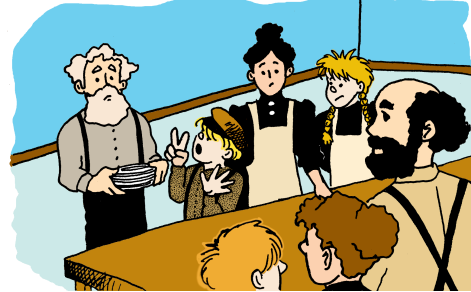
**Shepherd**

\* 6 sheep:  $18 - 12 = \boxed{6}$  or  $12 + \boxed{6} = 18$

Name \_\_\_\_\_ Date \_\_\_\_\_

**Dinner Guests**

One evening the family had some dinner guests. The father wanted to set the table. He said, "There are four of us in the family, and we have sixteen guests. How many plates do we need?"



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Show your work.

The family needs \_\_\_\_\_ plates.

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Name \_\_\_\_\_ Date \_\_\_\_\_

**Shepherd**

Jack and Tess set out from home in search of a hard problem. Soon they came to a shepherd who was sitting with 18 sheep by the roadside. The poor shepherd was crying. Jack asked what was the matter.



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The shepherd said, "I have a really hard problem. I am watching 18 sheep for Farmer Bob and Farmer Dan. I know that Bob gave me 12 sheep, but I'll never figure out how many Dan gave me: it's too hard!"

Show your work.

Dan gave the shepherd \_\_\_\_\_ sheep.

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\*Answers and/or discussion are included in the lesson.

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Name \_\_\_\_\_ Date \_\_\_\_\_

**Solve Problems with Larger Numbers**  
 Estimate the answer to each problem. Circle an interval. Show or tell how to solve each problem. Write a number sentence with your answer.

1. Jack solved a problem for the shepherd. The shepherd was very happy. He said to Jack, "I will give you 14 pennies today and 6 pennies tomorrow." How many pennies will the shepherd give to Jack altogether?

The answer will be between 1 and 10    11 and 20    21 and 30    31 and 40

Number sentence \_\_\_\_\_





0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

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**Solve Problems with Larger Numbers**  
**(SAB pp. 461–464)**  
**Questions 1–4**

Strategies will vary. Possible strategies are indicated for each problem.

1.  $14 + 6 = 20$  (Possible strategy: I know that 14 is  $10 + 4$ . I added  $4 + 6 = 10$  and  $10 + 10 = 20$ .)

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Name \_\_\_\_\_ Date \_\_\_\_\_

2. The next day Jack and Tess went to see the shepherd. He was upset because he had 25 sheep but 7 had escaped. How many sheep were left?

The answer will be between 1 and 10    11 and 20    21 and 30    31 and 40

Number sentence \_\_\_\_\_





0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

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2.  $25 - 7 = 18$  or  $18 + 7 = 20$  (Possible strategy: I used the number line. I started at 25 and jumped back 7 and I landed at 18.)

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3.  $30 + 8 = 38$  (Possible strategy: I made 3 big hops of 10 on the number line and 8 more jumps makes 38.)

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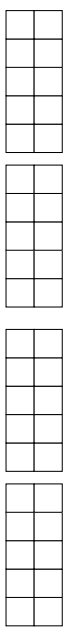
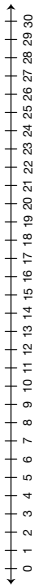
Name \_\_\_\_\_ Date \_\_\_\_\_

**Check-In: Questions 3-4**

3. Jack and Tess counted their pennies. Jack had 30 and Tess had 8. How many pennies did they have in all?

The answer will be between 1 and 10    11 and 20    21 and 30    31 and 40

Number sentence \_\_\_\_\_

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4.  $24 - 9 = 15$  or  $9 + 15 = 24$  (Possible strategy: I used the *100 Chart*. I started at 9 and moved down a row to 19. That's 10. Then I counted on to 24. That was 5 more. My answer is 15.)

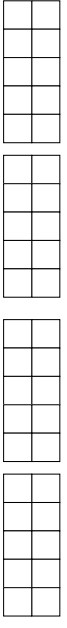
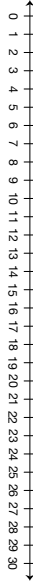
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Name \_\_\_\_\_ Date \_\_\_\_\_

4. The shepherd had 24 sheep. Tess fed 9 sheep. Jack fed the rest. How many sheep did Jack feed?

The answer will be between 1 and 10    11 and 20    21 and 30    31 and 40

Number sentence \_\_\_\_\_

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