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)

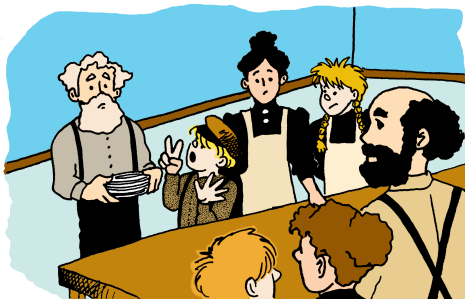
Shepherd

* 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.

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.

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Dan gave the shepherd _____ sheep.

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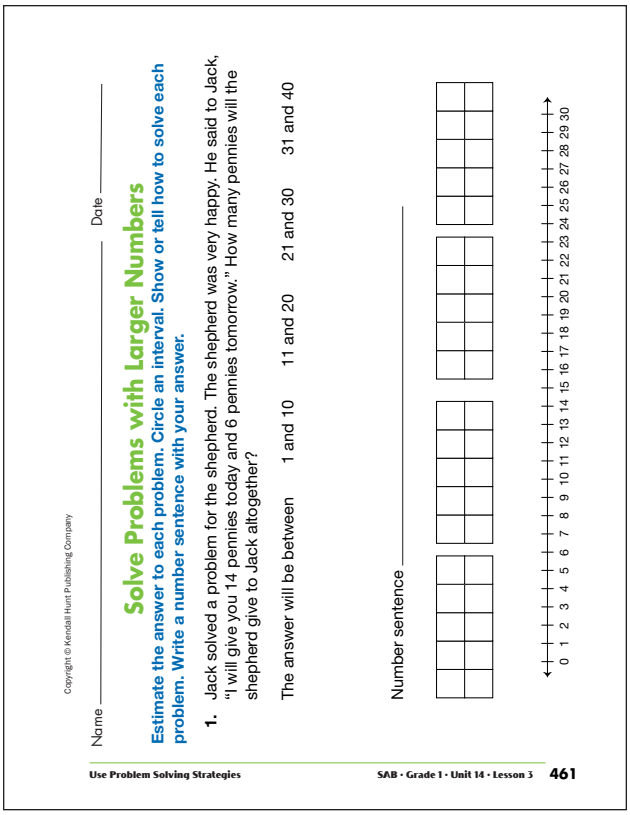
***Answers and/or discussion are included in the lesson.**



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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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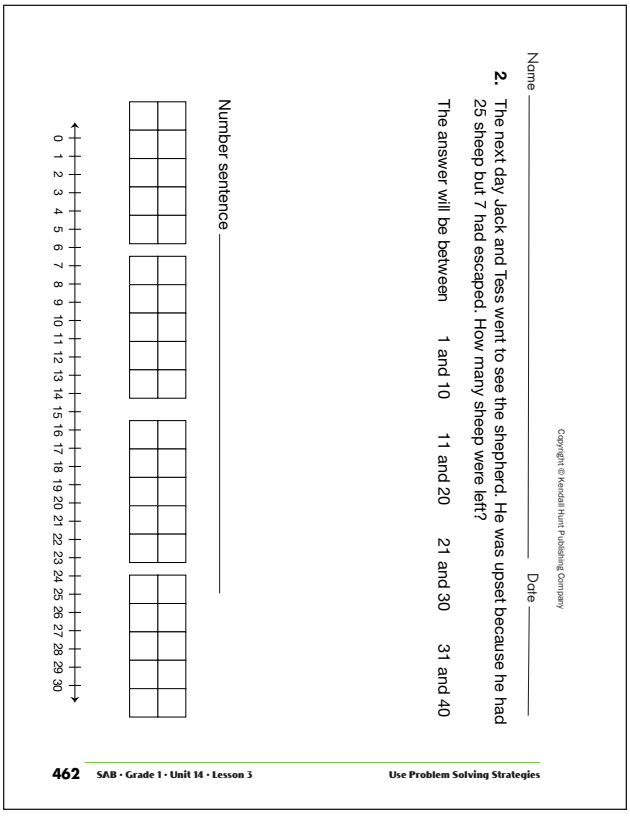

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2. The next day Jack and Tess went to see the shepherd. He was upset because he had 25 sheep but 7 had escaped. How many sheep were left?

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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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 $10 + 10 = 20$.)

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

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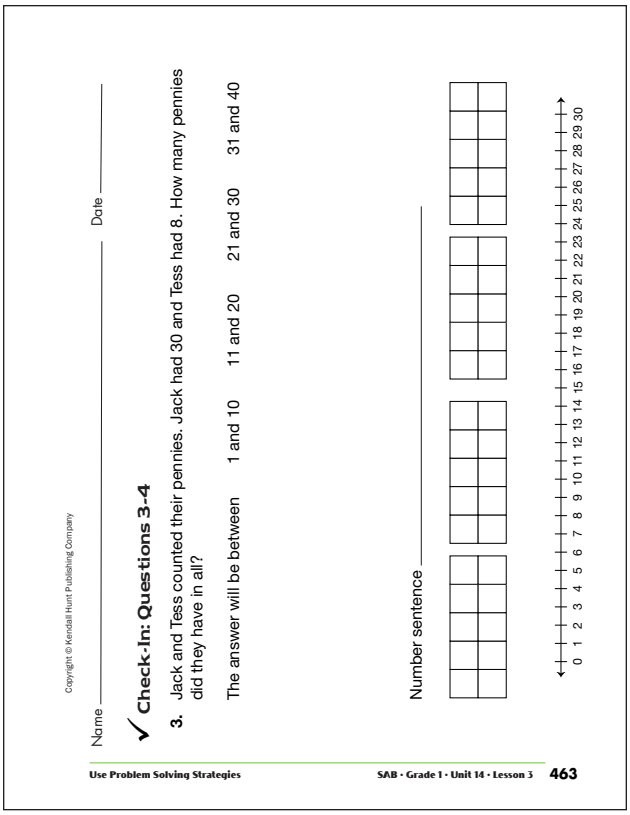
3. 30 + 8 = 38 (Possible strategy: I made 3 big hops of 10 on the number line and 8 more jumps makes 38.)



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✓ **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 _____

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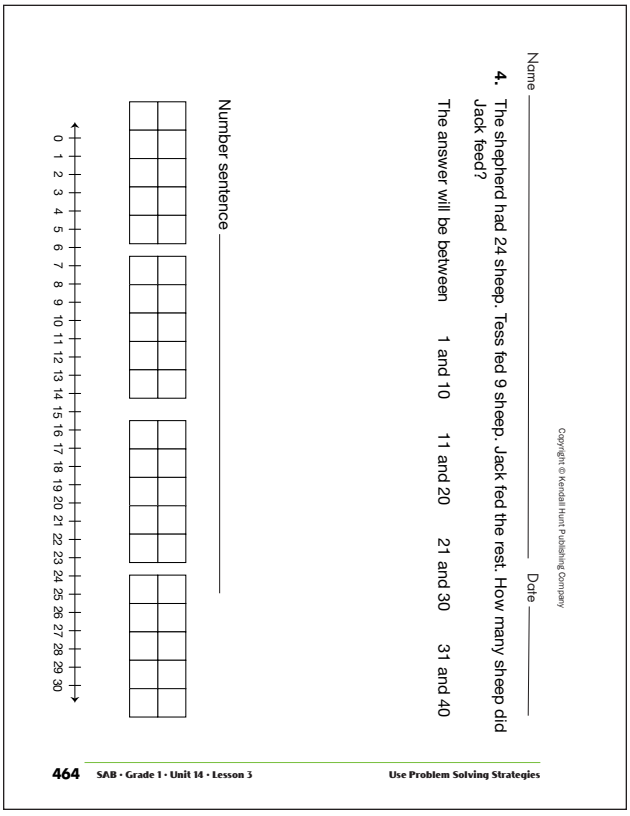
4. 24 − 9 = $\boxed{15}$ or 9 + $\boxed{15}$ = 24 (Possible strategy: I used the *100 Chart.* I started at 9 and moved down a row to 19. That's 10. Then I counted on to 24. That was 5 more. My answer is 15.)



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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 _____

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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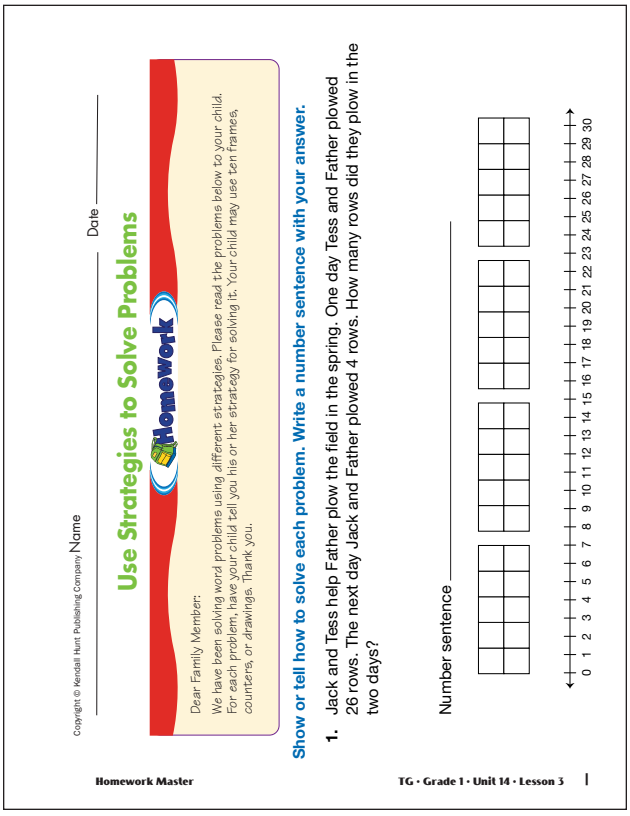

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Use Strategies to Solve Problems

Homework

Dear Family Member:

We have been solving word problems using different strategies. Please read the problems below to your child. For each problem, have your child tell you his or her strategy for solving it. Your child may use ten frames, counters, or drawings. Thank you.

Show or tell how to solve each problem. Write a number sentence with your answer.

1. Jack and Tess help Father plow the field in the spring. One day Tess and Father plowed 26 rows. The next day Jack and Father plowed 4 rows. How many rows did they plow in the two days?

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

Homework Master

TG • Grade 1 • Unit 14 • Lesson 3 1

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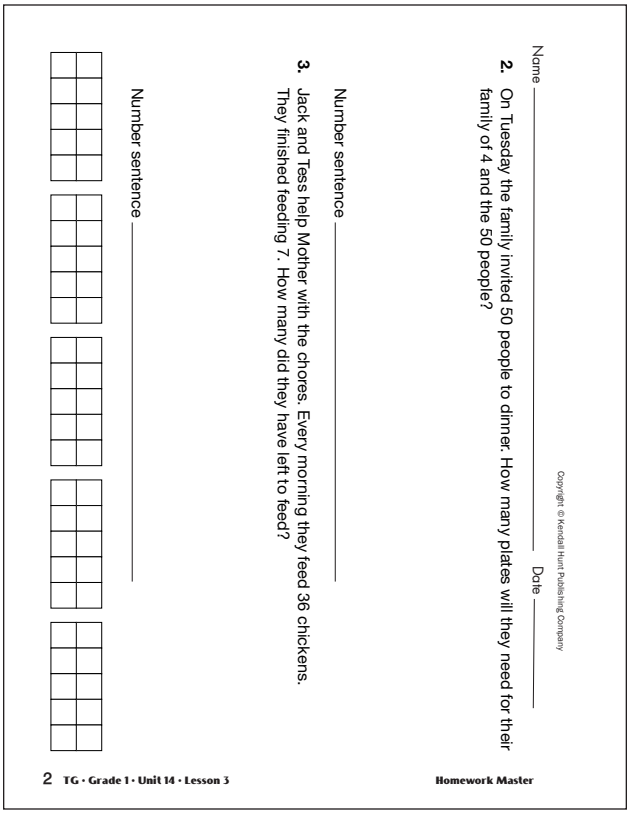

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2. On Tuesday the family invited 50 people to dinner. How many plates will they need for their family of 4 and the 50 people?

Number sentence _____

3. Jack and Tess help Mother with the chores. Every morning they feed 36 chickens. They finished feeding 7. How many did they have left to feed?

Number sentence _____

Homework Master

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Teacher Guide

Use Strategies to Solve Problems (TG pp. 1–2)

Homework

Questions 1–3

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

1. 26 + 4 = 30 (Possible strategy: I filled 2 ten frames with 20. Then I placed 6 in the next ten frame and 4 more. Six and 4 make 10. I filled 3 ten frames. That makes 30.)
2. 50 + 4 = 54; (Possible strategy: I used the number line. I started at 50 and counted 4 more. I landed at 54.)
3. 36 − 7 = 29; (Possible strategy: I used the ten frames. I filled 3 ten frames and that made 30 and I placed 6 more dots in the next ten frame to make 36. To subtract 7, I took away the 6 and 1 more and I got 29.)

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