

Student Activity Book

Roberto's Charts (SAB pp. 523–527)
Questions 1–5

Stories and pictures will vary. Students' pictures should support their stories. See Question 1 for a sample picture.

1. Problem:

3×54

Products to Calculate:

3×50

3×4

Calculations:

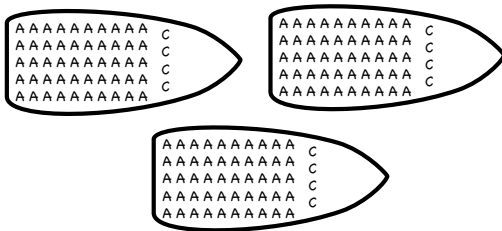
$3 \times 50 = 150$

$3 \times 4 = 12$

$150 + 12 = 162$

Sample story: There were 3 boats. Each held 50 adults and 4 children. How many people were on the boats in all?

Picture:



2. Problem:

4×78

Products to Calculate:

4×70

4×8

Calculations:

$4 \times 70 = 280$

$4 \times 8 = 32$

$280 + 32 = 312$

Sample story: 4 logs are covered with ants. On each log there were 70 black ants and 8 red ants. How many ants covered the logs?

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Roberto's Charts

Solve the following problems by first breaking the two-digit number into tens and ones and then multiplying. For each problem, write a story and draw a simple picture to match your solution. Use the *Multiplication Table* in the *Student Guide* Reference section.

<p>1. Problem: 3×54</p> <p><u>Products to Calculate</u></p> <p>___ \times ___</p> <p>___ \times ___</p>	<p><u>Calculations</u></p> <p>___ \times ___ = ___</p> <p>___ \times ___ = ___</p> <p>___ + ___ = ___</p>
<p><u>Story</u></p>	<p><u>Picture</u></p>

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Name _____ Date _____

<p>2. Problem: 4×78</p> <p><u>Products to Calculate</u></p> <p>___ \times ___</p> <p>___ \times ___</p>	<p><u>Calculations</u></p> <p>___ \times ___ = ___</p> <p>___ \times ___ = ___</p> <p>___ + ___ = ___</p>
<p><u>Story</u></p>	<p><u>Picture</u></p>

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Answer Key • Lesson 2: More Multiplication Stories

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<p>3. Problem: 36×7</p> <p><u>Products to Calculate</u></p> <p>___ \times ___</p> <p>___ \times ___</p>	<p><u>Calculations</u></p> <p>___ \times ___ = ___</p> <p>___ \times ___ = ___</p> <p>___ + ___ = ___</p>
<p><u>Story</u></p>	<p><u>Picture</u></p>

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3. Problem: 36×7

Products to Calculate:

$$30 \times 7$$

$$6 \times 7$$

Calculations:

$$30 \times 7 = 210$$

$$6 \times 7 = 42$$

$$210 + 42 = 252$$

Sample story: 36 boxes held 7 candies.

30 boxes held chocolate candies and 6 boxes held caramel candies. How many candies were there altogether?

Name _____ Date _____

<p>4. Problem: 8×27</p> <p><u>Products to Calculate</u></p>	<p><u>Calculations</u></p>
<p><u>Story</u></p>	<p><u>Picture</u></p>

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4. Problem: 8×27

Products to Calculate:

$$8 \times 20$$

$$8 \times 7$$

Calculations:

$$8 \times 20 = 160$$

$$8 \times 7 = 56$$

$$160 + 56 = 216$$

Sample story: 8 children had 27 cents. Each child had 20¢ in one hand and 7 cents in the other hand. How much money did they have altogether?

5. Problem: 4×22

Products to Calculate:

$$4 \times 20$$

$$4 \times 2$$

Calculations:

$$4 \times 20 = 80$$

$$4 \times 2 = 8$$

$$80 + 8 = 88$$

Sample story: Linda worked for 4 weeks and earned \$20 each week. She also received a \$2 bonus each week. How much money did Linda earn during those 4 weeks?

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✓ **Check-In: Question 5**

<p>5. Problem: 4×22</p> <p>Products to Calculate</p>	<p>Calculations</p>
<p>Story</p>	<p>Picture</p>

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Break Into Tens and Ones

Homework

Solve the following problems. First break the two-digit number into tens and ones and then multiply. Complete the number sentences. For each problem, draw simple pictures to match your solution. Use the *Multiplication Table* in the *Student Guide Reference* section.

1. $8 \times 72 = \underline{\quad} \times \underline{\quad} + \underline{\quad} \times \underline{\quad}$
 $= \underline{\quad} + \underline{\quad}$
 $= \underline{\quad}$

To solve 45×3 , break products like 45 into tens and ones: $40 + 5$,
 $40 \times 3 + 5 \times 3 = 135$

$120 + 15 = 135$

2. $6 \times 17 = \underline{\quad} \times \underline{\quad} + \underline{\quad} \times \underline{\quad}$
 $= \underline{\quad} + \underline{\quad}$
 $= \underline{\quad}$

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3. $46 \times 8 = \underline{\quad} \times \underline{\quad} + \underline{\quad} \times \underline{\quad}$
 $= \underline{\quad} + \underline{\quad}$
 $= \underline{\quad}$

4. $61 \times 4 = \underline{\quad} \times \underline{\quad} + \underline{\quad} \times \underline{\quad}$
 $= \underline{\quad} + \underline{\quad}$
 $= \underline{\quad}$

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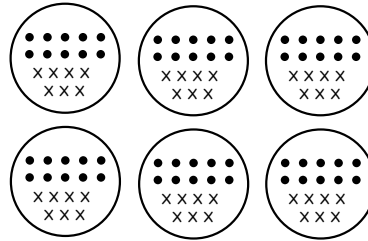
Break Into Tens and Ones
(SAB pp. 529–530)

Questions 1–4

Pictures will vary. One sample picture is given in Question 2.

1. $8 \times 72 = 8 \times 70 + 8 \times 2$
 $= 560 + 16$
 $= 576$

2. $6 \times 17 = 6 \times 10 + 6 \times 7$
 $= 60 + 42$
 $= 102$



3. $46 \times 8 = 40 \times 8 + 6 \times 8$
 $= 320 + 48$
 $= 368$

4. $61 \times 4 = 60 \times 4 + 1 \times 4$
 $= 240 + 4$
 $= 244$