

Name _____

Date _____

3.
$$\begin{array}{r} 2436 \\ +6579 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 4321 \\ -1789 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 502 \\ -198 \\ \hline \end{array}$$

6. Show the estimation strategy you used to check if your answer to Question 3 is reasonable.

7. Use addition to check your answer for Question 4.

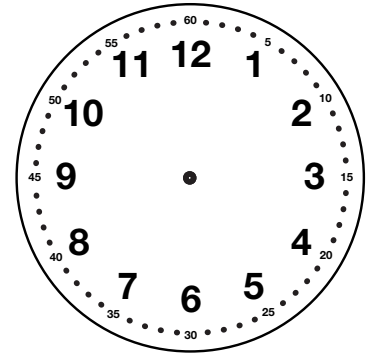
8. Show or tell how to solve Question 5 using mental math.

Part 2

Solve the following problems. You may use a ruler, number line, base-ten pieces, counters, or an individual clock.

9. A. Draw the time 1:35 on the clock.

B. Write what time it will be 40 minutes later.



10. $6 \times 4 = ?$ Write a story and draw a picture about 6×4 .
Write a complete number sentence on your picture.

11. The largest hammerhead shark ever caught weighed 1280 pounds. The largest swordfish ever caught weighed 1182 pounds. The largest greenland shark ever caught weighed 1936 pounds. Put these numbers in order from smallest to largest.

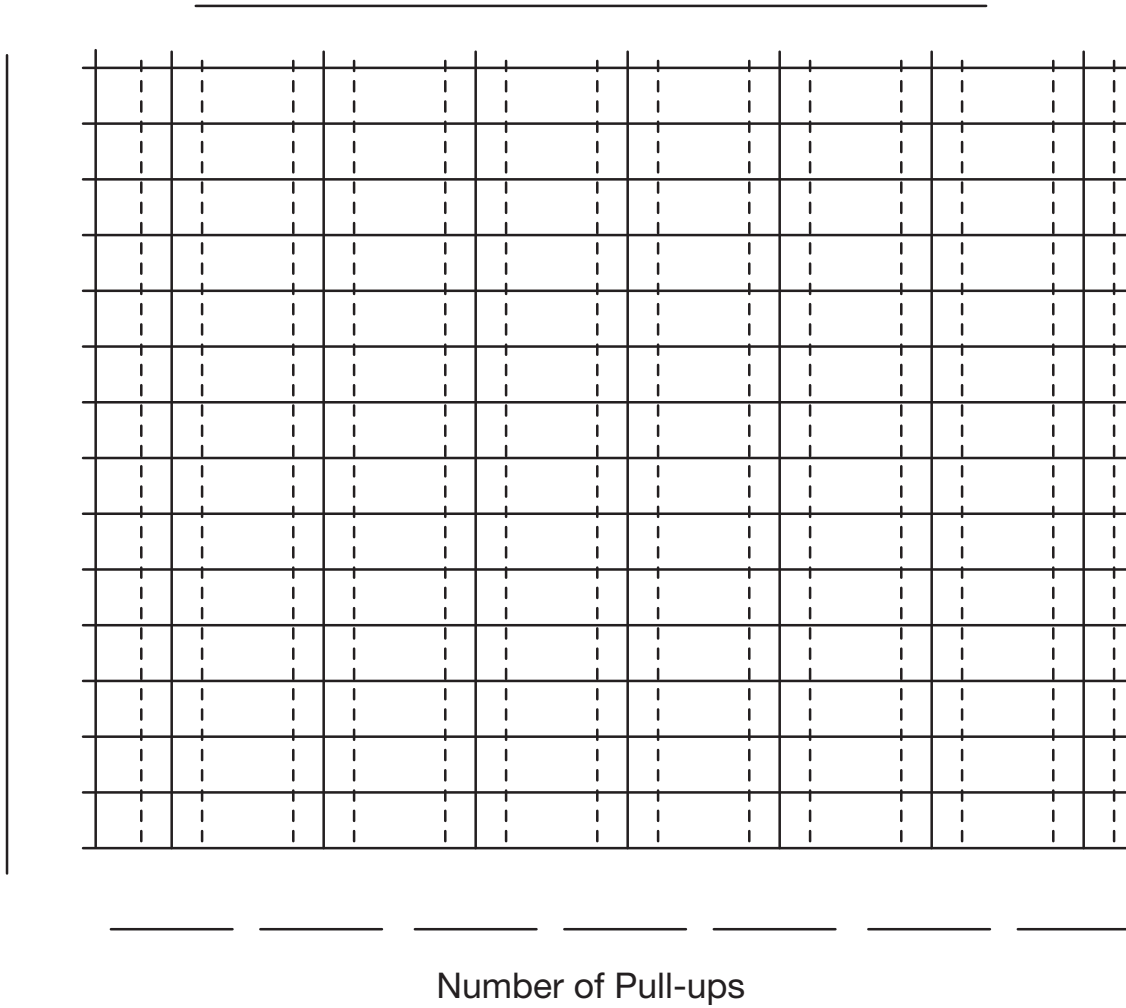
smallest

largest

12. A. All the students in Kim’s gym class tried to do pull-ups. Here is the data table that shows how many they did. Make a bar graph of the data on the graph below.

Pull-ups in Gym

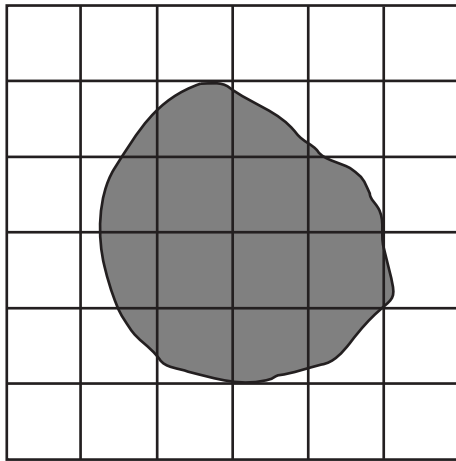
Number of Pull-ups	Number of Students
0	10
1	3
2	3
3	4
4	2
5	0
6	1



Use your data table or graph.

- B.** How many students completed 3 pull-ups? _____
- C.** How many pull-ups were completed by 4 students? _____
- D.** What was the most common number of pull-ups that students were able to do?

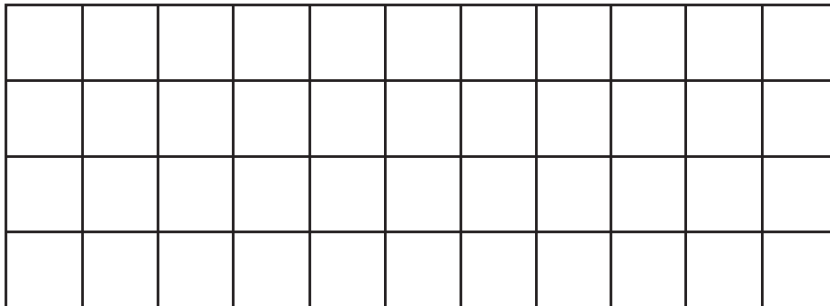
13. A. Find the area inside the following shape.



Area: _____



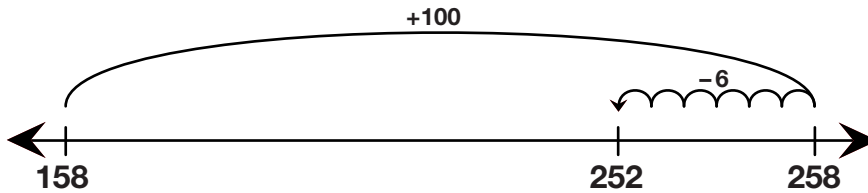
B. Draw a different shape with the same area.



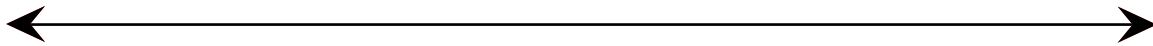
Area: _____

14. A. Solve $158 + 94$.

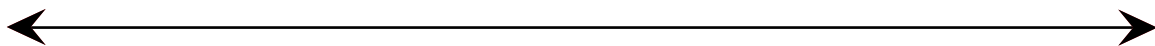
B. Jason solved the same problem. Do you agree with his answer? Tell why or why not.



C. Use Jason's method to solve $56 + 97$.



15. A. A +5 constant hopper starts at 0 and makes 4 hops. Show the hops on the number line. On what number will it land?



B. Write a number sentence for Question 15A.

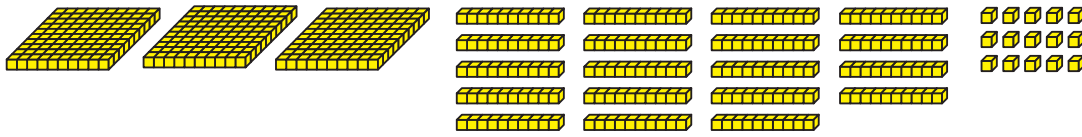
- 16. A.** Rosa is selling candy for her soccer team. Fill in the missing information in the table and then use it to answer the questions.

Cost of Candy Boxes

Number of Boxes	Cost in Dollars
1	\$2.50
2	\$5.00
3	
	\$10.00
5	
6	
7	
	\$20.00
	\$22.50
10	\$25.00

- B.** How much do four boxes of candy cost?
- C.** How much do seven boxes of candy cost?
- D.** Show or tell how you found your answer for Question C.
- E.** Find how much 20 boxes of candy cost. Show or tell how you solved the problem.

17. Maya and Eric used base-ten pieces to show the Chocos they packaged at the TIMS Candy Company.



- A. How many Chocos did they package? Write a number sentence to match the pieces.

- B. Did Maya and Eric use the Fewest Pieces Rule? If not, use base-ten shorthand to show the fewest pieces.

- C. Write a number sentence to match the fewest pieces.

Name _____ Date _____

**MidYear Test
Feedback Box**

Yes ...

Yes, but ...

No, but ...

No ...

<p>MPE1. Know the problem. I read the problem carefully. I know the questions to answer and what information is important. [Q# 1, 2]</p>				
<p>MPE2. Find a strategy. I choose good tools and an efficient strategy for solving the problem. [Q# 1, 2]</p>				
<p>MPE3. Check for reasonableness. I look back at my solution to see if my answer makes sense. If it does not, I try again. [Q# 1, 2]</p>				
<p>MPE4. Check my calculations. If I make mistakes, I correct them. [Q# 7]</p>				
<p>MPE5. Show my work. I show or tell how I arrived at my answer so someone else can understand my thinking. [Q# 1, 2, 6–8]</p>				
<p>MPE6. Use labels. I use labels to show what numbers mean. [Q# 1, 2, 10, 12]</p>				

Answer Key • Lesson 11: Midyear Test Review

Student Guide

Midyear Test Review (p. 243)
Questions 1–3*. See the lesson.

Teacher Guide

Midyear Test (pp. 275–283)
Questions 1–17

Part 1

Strategies may vary.

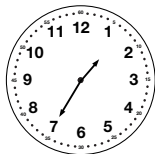
- 88 days; $139 - 51 = 88$
- \$2,015; $1166 + 849 = 2015$
- 9015
- 2532
- 304
- Possible strategy: $2500 + 6500 = 9000$

7.
$$\begin{array}{r} 2532 \\ +1789 \\ \hline 3000 \\ 1200 \\ 110 \\ + \frac{11}{4321} \end{array}$$

- Possible strategy: From 198 count up 2 to 200, 200 from 500 is 300; $300 + 2 + 2 = 304$.

Part 2

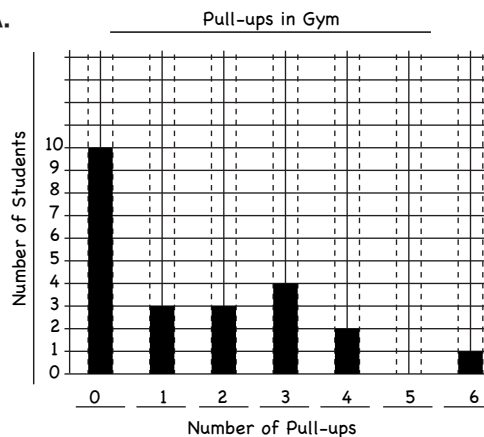
9. A.



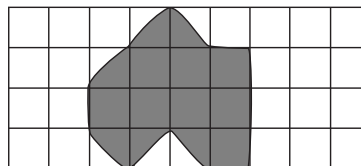
B. 2:15

- $6 \times 4 = 24$; stories and pictures will vary.
- 1182 pounds, 1280 pounds, 1936 pounds

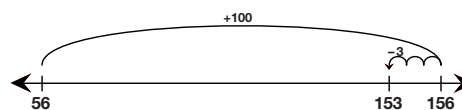
12. A.



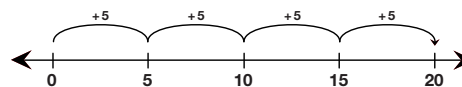
- 4 students
 - 3 pull-ups
 - None or 0 pull-ups
13. A. Approx. 10–12 sq cm; students may number the squares to show how the square cm were counted.
- B. Possible solution:



- A. 252
- Troy's answer is correct. Student explanations will vary.
- 153



15. A. 20;



- $4 \times 5 = 20$ or
 $5 + 5 + 5 + 5 = 20$

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

16. A. Coast of Candy Boxes

Number of Boxes	Cost in Dollars
1	\$2.50
2	\$5.00
3	\$7.50
4	\$10.00
5	\$12.50
6	\$15.00
7	\$17.50
8	\$20.00
9	\$22.50
10	\$25.00

- B. \$10.00
- C. \$17.50
- D. Possible response: I used the pattern in the table. Each box of candy is \$2.50. Since 6 boxes cost \$15.00, 7 boxes will be $\$15.00 + \$2.50 = \$17.50$.
- E. \$50.00; Possible response. I looked at the table and saw that 10 boxes of candy will cost \$25.00. Since 20 is the double of 10, I know that the cost for 20 boxes will be double the cost for 10 boxes. \$50.00 is double \$25.00.

17. A. $300 + 190 + 15 = 505$

B. No; ●●●●●

C. $500 + 5 = 505$