

\_\_\_\_\_ 's

# Unit 9

## Study Guide

Test on \_\_\_\_\_

3. 17 books in all. 3 books per shelf.  
How many shelves?

Number model:

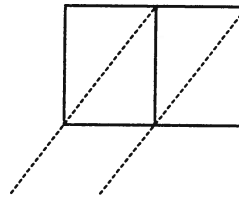
\_\_\_\_\_

There are \_\_\_\_\_ shelves.

There are \_\_\_\_\_ books  
left over.

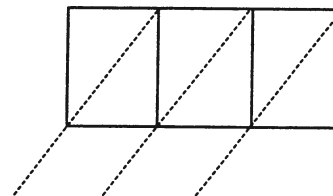


2.  $9 \times 37 =$  \_\_\_\_\_

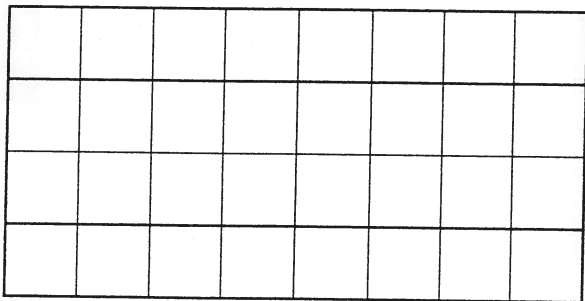


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4.  $3 \times 124 =$  \_\_\_\_\_



1. Draw a shape with a perimeter of 20 centimeters.



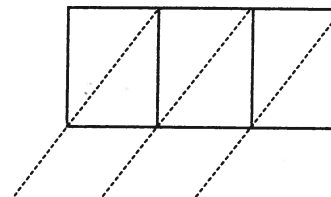
What is the area of your shape?

\_\_\_\_\_ square centimeters



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6.  $7 \times 209 =$  \_\_\_\_\_



4. Solve.

$$(40 \times 3) \div 2 = \underline{\hspace{2cm}}$$

$$4 \times (300 \div 6) = \underline{\hspace{2cm}}$$

$$(7 \times 80) + 140 = \underline{\hspace{2cm}}$$



Solve the problems below. Remember that you will have to decide what the remainder means in order to answer the questions.

You may use your calculator, counters, play money, or pictures.

1. Ruth is buying soda for a party. There are 6 cans in a pack. She needs 44 cans.  
How many 6-packs will she buy? \_\_\_\_\_ 6-packs
2. Paul is buying tickets to the circus. Each ticket costs \$7. He has \$47.  
How many tickets can he buy? \_\_\_\_\_ tickets
3. Héctor is standing in line for the roller coaster. There are 33 people in line. Each roller coaster car holds 4 people.  
How many cars are needed to hold 33 people? \_\_\_\_\_ cars

1.  $34 \times 2$

$$\begin{array}{r} 34 \\ \times 2 \\ \hline \end{array}$$

5.  $403 \times 5$

$$\begin{array}{r} 403 \\ \times 5 \\ \hline \end{array}$$

3.  $55 \times 6$

$$\begin{array}{r} 55 \\ \times 6 \\ \hline \end{array}$$

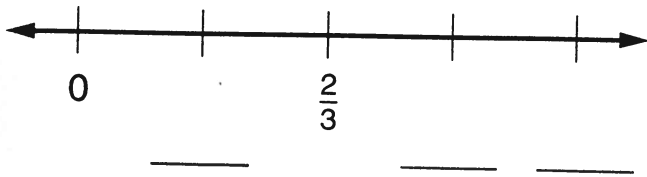
4. Pencils cost \$1.99 for a package of 24 and \$1.69 for a package of 16. What is the total cost of two 24-pencil packages and one 16-pencil package?

Ballpark estimate: \_\_\_\_\_

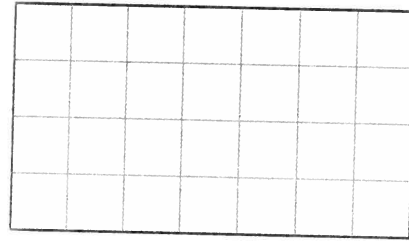
Exact answer: \_\_\_\_\_



5. Fill in the missing numbers.  
Use fractions.



4. Draw a shape with a perimeter of 14 units.



What is the area of the shape?

\_\_\_\_\_ square units



Solve these problems in your head. Use a slate and chalk, or pencil and paper, to help you keep track of your thinking. For some of the problems, you will need to use the information on journal pages 204 and 205.

2. Could 12 harp seals weigh more than 1 ton? \_\_\_\_\_ Less than 1 ton? \_\_\_\_\_

Explain the strategy that you used.

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3. How much do eight 53-pound white-tailed deer weigh? \_\_\_\_\_

Explain the strategy that you used.

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For each problem below, write a number model.  
Then find the missing numbers.

6. Donna puts 6 pears in each bag. She has 32 pears. How many bags does she fill?

\_\_\_\_\_  $\div$  \_\_\_\_\_  $\rightarrow$  \_\_\_\_\_ R \_\_\_\_\_

Donna fills \_\_\_\_\_ bags.

\_\_\_\_\_ pears are left over.

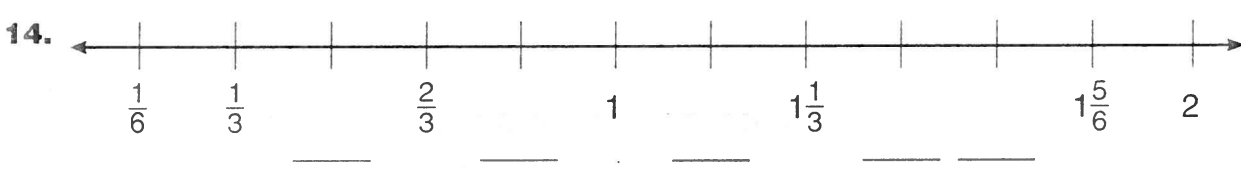
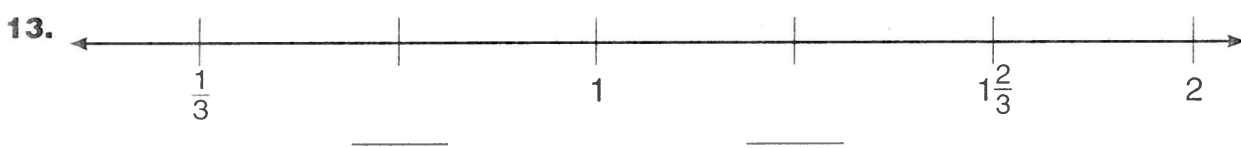
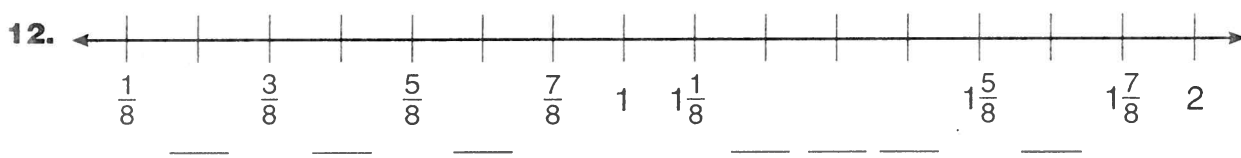
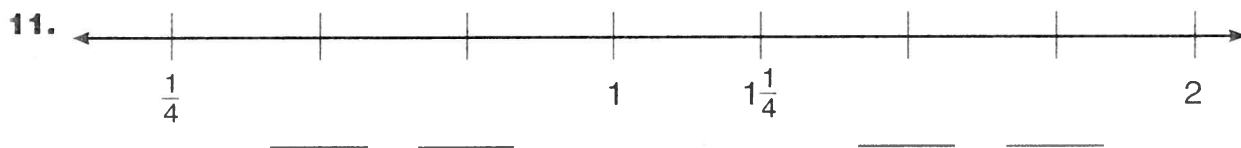
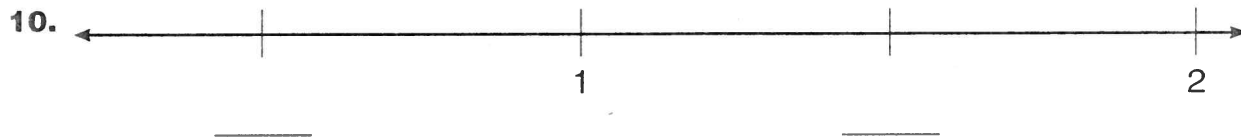
7. 21 signs are shared equally by 4 classrooms. How many signs does each classroom get?

\_\_\_\_\_  $\div$  \_\_\_\_\_  $\rightarrow$  \_\_\_\_\_ R \_\_\_\_\_

Each classroom gets \_\_\_\_\_ signs.

\_\_\_\_\_ signs are left over.

Write the missing fractions or mixed numbers.



Put in order from smallest to largest.

$$\frac{1}{2}$$

$$\frac{4}{4}$$

$$\frac{1}{3}$$

$$\frac{1}{8}$$

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

smallest

largest