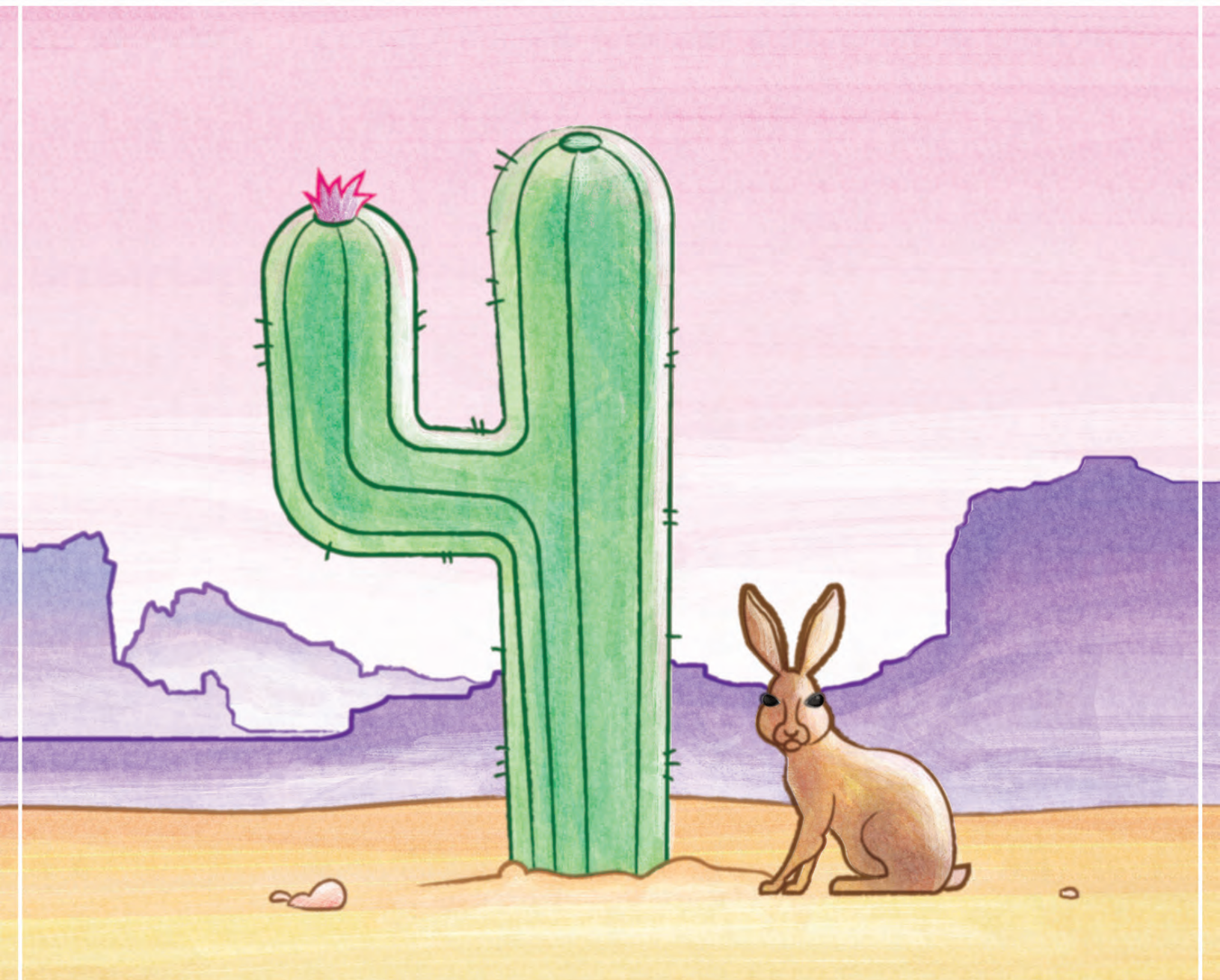


FOURTH GRADE
MATH WITH
CONFIDENCE

PART
B




STUDENT WORKBOOK PART B

KATE SNOW

Lesson Activities

A



1. Divide
2. Multiply
3. Subtract
4. Bring down the next digit (if needed)

| | | | | | | | | | | | | | |
|---|---|---|---|--|---|---|---|---|--|---|---|---|---|
| | | | | | | | | | | | | | |
| 2 | 7 | 6 | 4 | | 4 | 4 | 1 | 9 | | 3 | 2 | 1 | 2 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
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B

Two friends work together to earn \$764. They split the money equally. How much does each friend earn?

Check: 

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A baker makes 419 cookies. She arranges the cookies on 4 trays and puts the same number of cookies on each tray.

- How many cookies are on each tray?
- How many cookies are left over?

Check: 

| | | | | | | | | | |
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| | | | | | | | | | |

A baker makes 212 muffins. He puts 3 muffins in each box.


- How many boxes does he fill?
- How many muffins are left over?

Check: 

| | | | | | | | | | |
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| | | | | | | | | | |
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| | | | | | | | | | |
| | | | | | | | | | |

Practice 

Complete. Follow the steps.
Then, multiply (or multiply and add) to check your answers.



1. Divide
2. Multiply
3. Subtract
4. Bring down the next digit (if needed)

| | | | |
|---|---|---|---|
| | | | |
| 8 | 8 | 9 | 7 |
| 9 | 3 | 7 | 1 |
| 6 | 7 | 8 | 0 |
| 7 | 7 | 5 | 0 |
| | | | |
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Check:



Check:



Check:



Check:

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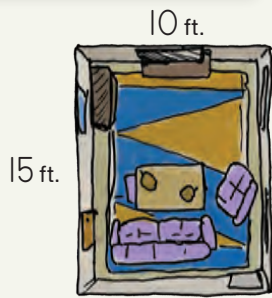
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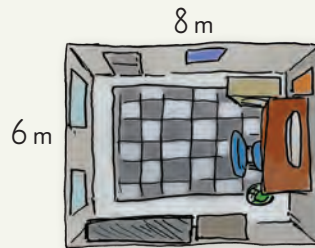
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Review

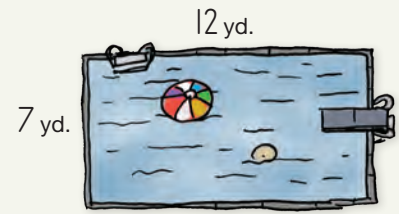
Find the perimeter or area.



Area:



Area:



Perimeter:

Write each number in the place-value chart.

| thousands | hundreds | tens | ones | |
|-----------|----------|------|------|-------------|
| | 1 | 6 | 0 | 16 tens |
| | | | | 16 hundreds |
| | | | | 30 tens |
| | | | | 30 hundreds |
| | | | | 90 hundreds |
| | | | | 100 tens |

Round each number to the underlined place.

29,001 \approx

29,499 \approx

29,500 \approx

29,999 \approx

Complete.

$150 \times 2 =$

$250 \times 2 =$

$350 \times 2 =$

$450 \times 2 =$

$550 \times 2 =$

$1,500 \times 2 =$

$2,500 \times 2 =$

$3,500 \times 2 =$

$4,500 \times 2 =$

$5,500 \times 2 =$

Lesson Activities

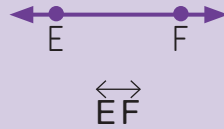
A

A point marks a specific location.

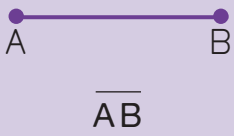
• R
point R



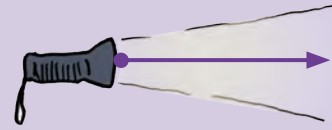
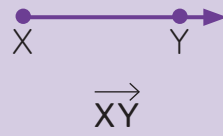
A line is a straight line that connects two points. It has no endpoints.



A line segment is part of a line. It has two endpoints.



A ray is part of a line. It has one endpoint.



B

C

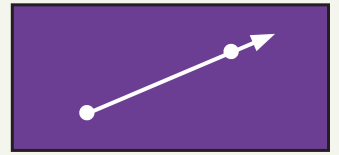
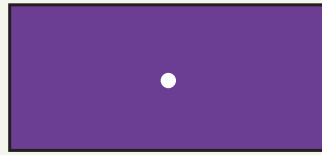
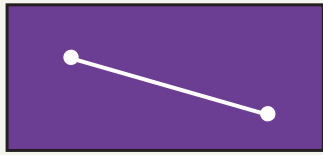
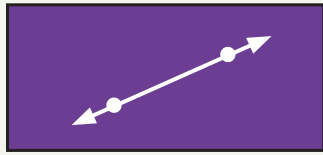
| | | | | | | |
|---------------------------|---------------------------|-----------------|-----------------------|-----------------------|---------------------------|---------------------------|
| \overleftrightarrow{BN} | \overleftrightarrow{CP} | \overline{JR} | \overline{JK} | \overline{LT} | \overleftrightarrow{DJ} | \overline{FS} |
| \overrightarrow{OQ} | \overrightarrow{IH} | \overline{EK} | \overrightarrow{SL} | \overrightarrow{KR} | \overline{AM} | \overleftrightarrow{GT} |

- A
- B
- C
- D
- E
- F
- G
- H
- I
- J
- K
- L
- M
- N
- O
- P
- Q
- R
- S
- T

Practice



Match.

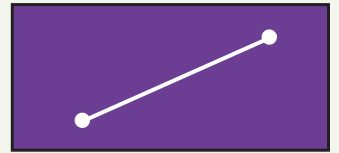
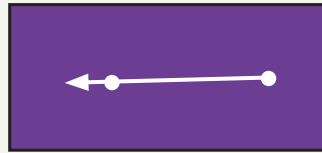
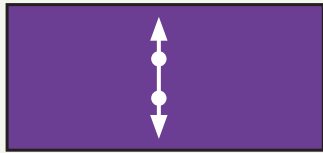
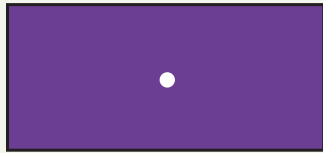


point

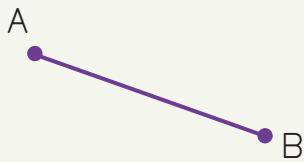
line

line segment

ray



Label with letters and geometry symbols.













Draw lines, line segments, or rays to match the symbols.

M

N

Q

R

U

V

O

P

S

T

W

X

\overleftrightarrow{MN}

\overline{OP}

\overrightarrow{QS}

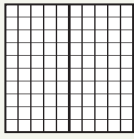
\overrightarrow{TR}

\overline{UX}

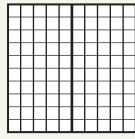
\overleftrightarrow{WV}

Unit Wrap-Up

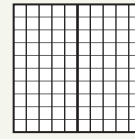
Color the decimal and write a fraction to match.



$0.8 = \square$



$0.08 = \square$

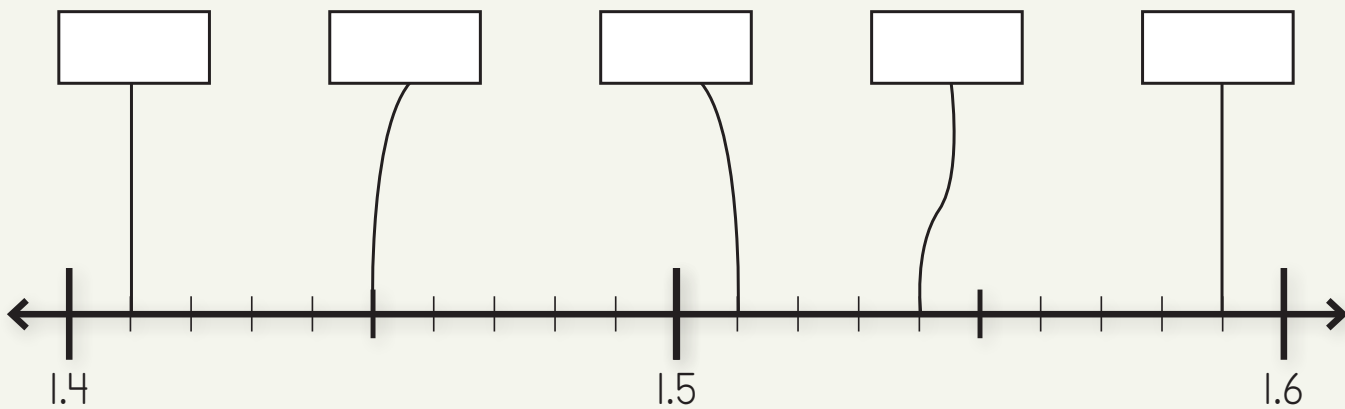


$0.88 = \square$

Complete the chart.

| Decimal | Mixed Number | Expanded Form |
|---------|-------------------|------------------------------------|
| 1.36 | | |
| | $4 \frac{6}{100}$ | |
| | | $3 + \frac{5}{10} + \frac{8}{100}$ |

Label the numbers on the number line.



Complete the circles with $<$, $>$, or $=$.

$0.7 \bigcirc 0.53$

$2.73 \bigcirc 3.1$

$0.9 \bigcirc 1$

$4.3 \bigcirc 4.09$

$0.5 \bigcirc 0.4$

$2 \bigcirc 2.0$

Round to the nearest whole number.

$3.8 \approx \square$

$4.29 \approx \square$

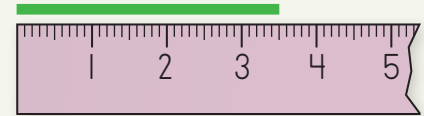
$6.01 \approx \square$

Unit Wrap-Up

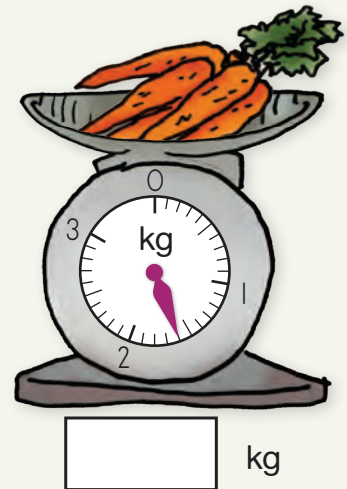
Complete the chart.
Include the correct units.

Write each measurement
as a decimal.

| Length | Mixed Number | Decimal |
|-----------|--------------------|---------|
| 4 cm 1 mm | | |
| | $2\frac{3}{10}$ cm | |
| | | 1.6 cm |
| 1 m 24 cm | | |
| | $4\frac{5}{100}$ m | |
| | | 2.96 m |



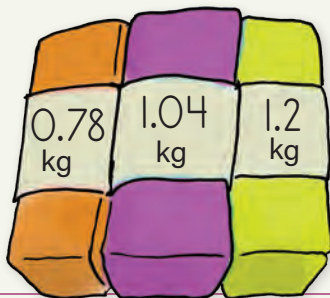
cm



kg

Answer the questions.

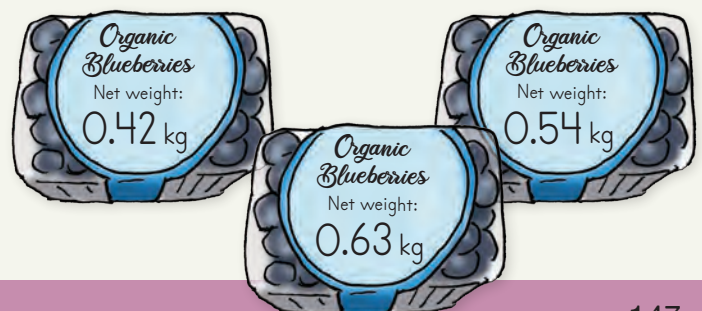
Griffin has 0.78 kg of orange modeling clay, 1.04 kg of purple modeling clay, and 1.2 kg of yellow modeling clay.



- Which color does he have the most of?
- Which color does he have the least of?

Maya completes the obstacle course in 12.05 seconds. Shivon completes the obstacle course in 12.73 seconds. Who has the shorter time?

Ari needs at least $\frac{1}{2}$ kg of blueberries to make muffins. Which packages have more than $\frac{1}{2}$ kg? Circle them.



Lesson Activities

A



| | | Weight (g) | Weight (kg and g) |
|-------------------|------------------------------|------------|-------------------|
| Gummy bears | <input type="text"/> × 200 g | | |
| Gummy worms | <input type="text"/> × 500 g | | |
| Chocolate candies | <input type="text"/> × 400 g | | |
| Jelly beans | <input type="text"/> × 300 g | | |

B

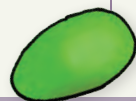
What is the total weight of the candy in kilograms and grams?



You eat 350 g of the gummy worms. What is the weight of the remaining gummy worms in grams?

C

You split the jelly beans equally with a friend. How many grams of jelly beans do you each get?



You divide the chocolate candies equally into 8 bags. How many grams of chocolate candies are in each bag?

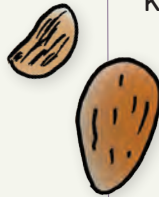
Practice 

Use the grocery store ad to answer the questions.



Elliana buys 1 bag of peanuts. Her family eats 600 g. What is the weight of the remaining peanuts?

Avery buys 1 bag of almonds, 1 bag of peanuts, and 1 bag of pistachios. What is the total weight of the nuts in kilograms and grams?



Chandler buys 3 bags of pistachios. What is the total weight of the pistachios in kilograms and grams?

Odin buys 2 bags of sunflower seeds and 3 bags of pumpkin seeds. What is the total weight of the seeds in kilograms and grams?



Fatimah buys 1 bag of peanuts. She divides them evenly into 2 bowls. How many grams of peanuts are in each bowl?

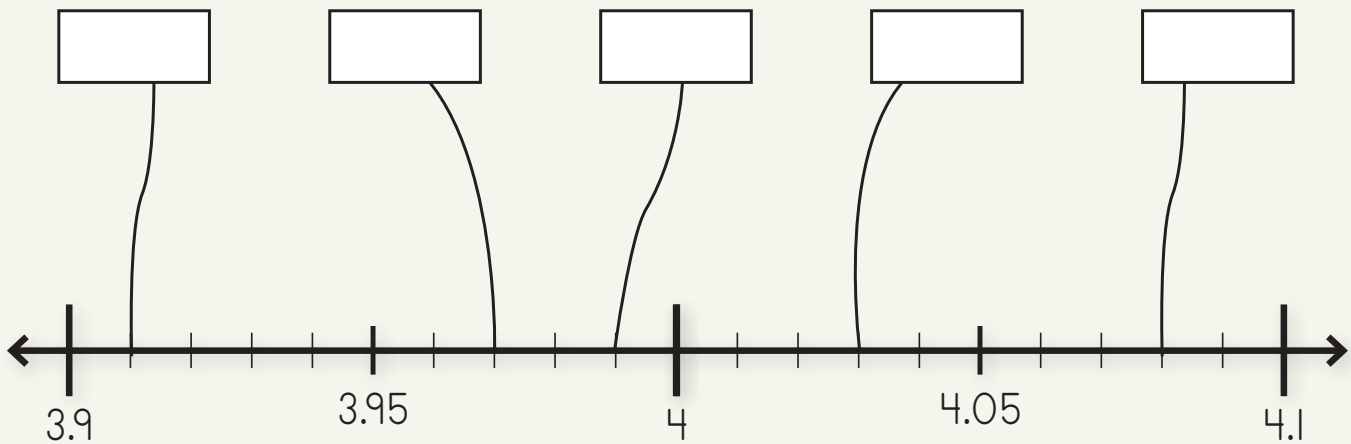
Ari buys 1 bag of almonds. He divides them evenly into 5 small containers. How many grams of almonds are in each container?



Review

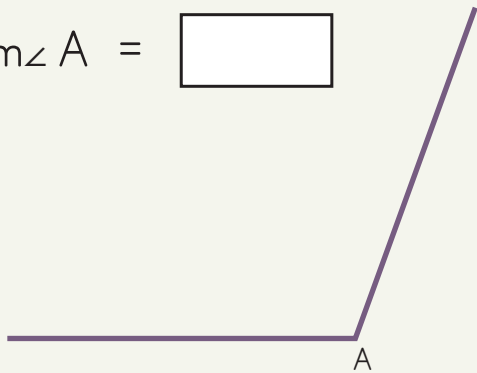


Label the numbers on the number line.

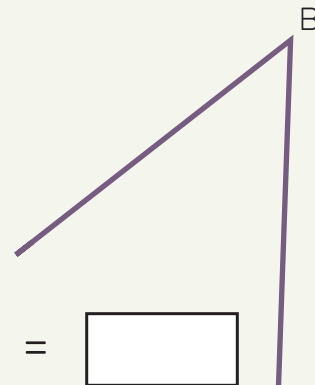


Use a protractor to measure the angles. Extend the sides as needed.

$m\angle A =$



$m\angle B =$



Convert the mixed numbers to fractions.

$1\frac{1}{4} =$

$2\frac{5}{6} =$

$4\frac{1}{2} =$

$5\frac{1}{10} =$

Complete.

$1 \text{ hr. } 15 \text{ min.} =$

min.

$2 \text{ hr. } 50 \text{ min.} =$

min.

$4 \text{ min. } 30 \text{ sec.} =$

sec.

$5 \text{ min. } 6 \text{ sec.} =$

sec.