

# 5 Minute Measurement

Obtain and improve  
measurement skills in  
just 5 minutes a day!



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# ***5 Minute Measurement***

5 Minute Measurement has been designed to help students attain, improve and apply measurement skills in just a few minutes each day. The system includes:

## **Mathematics Chart**

The 5 Minute Measurement Mathematics Chart provides the most common unit conversions for length, weight/mass, capacity/volume, and time.

## **Daily Drills**

There are 3 Daily Drills per page, allowing you to conserve paper. Printing front and back allows provides 6 days of material on 1 piece of paper. Alternatively, the Daily Drill could be projected onto a screen.

The drills are short enough that they can reasonably be completed in 5 minutes or less. Each drill touches on at least 2 different types of measurement, and also includes problem solving.

## **Quizzes**

Quizzes draw from the skills covered in the Daily Drills. There are 2 quizzes provided after every 6 Daily Drills:

- **Form A** - The Form A quiz contains questions that are ***exactly the same*** as those in the Daily Drills. Many teachers allow students to use their Daily Drill notes on the quiz, making it more of a note-taking quiz.
- **Form B** - The Form B quiz contains questions that are ***similar*** to those in the Daily Drills. This is especially helpful in evaluating if a student has mastered the skills.

# Mathematics Chart

## *5 Minute Measurement*

Length	
<b>Customary</b> 1 foot = 12 inches 1 yard = 3 feet 1 mile = 5,280 feet 1 mile = 1,760 yards	<b>Metric</b> 1 centimeter = 10 millimeters 1 meter = 100 centimeters 1 kilometer = 1,000 meters

Weight and Mass	
<b>Customary</b> 1 pound = 16 ounces 1 ton = 2,000 pounds	<b>Metric</b> 1 gram = 1,000 milligrams 1 kilogram = 1,000 grams

Capacity and Volume	
<b>Customary</b> 1 cup = 8 fluid ounces 1 pint = 2 cups 1 quart = 2 pints 1 gallon = 4 quarts 1 gallon = 128 fluid ounces	<b>Metric</b> 1 liter = 1,000 milliliters

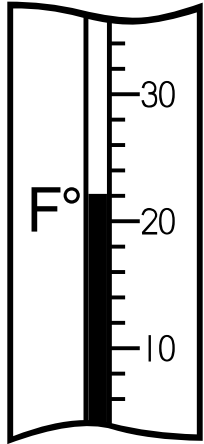
  

Time	
1 minute = 60 seconds 1 hour = 60 minutes 1 day = 24 hours 1 week = 7 days	1 year = 365 days 1 year = 12 months 1 year = 52 weeks

Name \_\_\_\_\_

### 5 Minute Measurement

1



What is the temperature? \_\_\_\_\_

Increase the temperature  $12^\circ$ . \_\_\_\_\_

Decrease the temperature  $9^\circ$ . \_\_\_\_\_

Find the **Capacity and Volume** box on your Mathematics Chart. List the customary units below.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Name \_\_\_\_\_

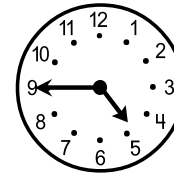
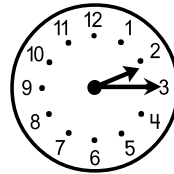
### 5 Minute Measurement

2

Starting with April 4, shade every third day.

April						
S	M	T	W	T	F	S
		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			

What time is shown on each clock?



\_\_\_\_\_

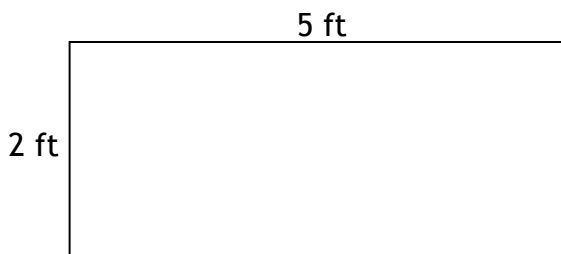
\_\_\_\_\_

How much time has passed? \_\_\_\_\_

Name \_\_\_\_\_

### 5 Minute Measurement

3



What is the perimeter of the shape? \_\_\_\_\_

What is the area of the shape? \_\_\_\_\_



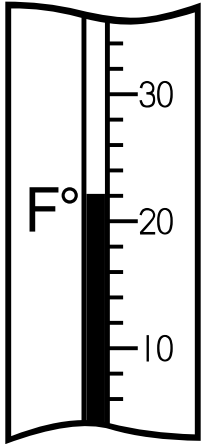
About how many inches long is the bar? \_\_\_\_\_

About how many centimeters long is the bar? \_\_\_\_\_

## Answer Key

## 5 Minute Measurement

1



What is the temperature? 22°

Increase the temperature 12°. 34°

Decrease the temperature 9°. 13°

Find the Capacity and Volume box on your Mathematics Chart. List the customary units below.

fluid ounces

cups

pints

quarts

gallons

## Answer Key

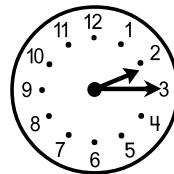
## 5 Minute Measurement

2

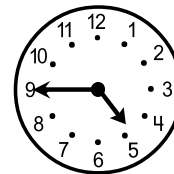
Starting with April 4, shade every third day.

April						
S	M	T	W	T	F	S
		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			

What time is shown on each clock?



2:15



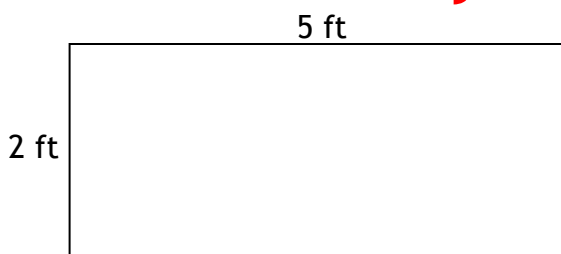
4:45

How much time has passed? 2 hours 30 minutes

## Answer Key

## 5 Minute Measurement

3



What is the perimeter of the shape? 14 feet

What is the area of the shape? 10 square feet

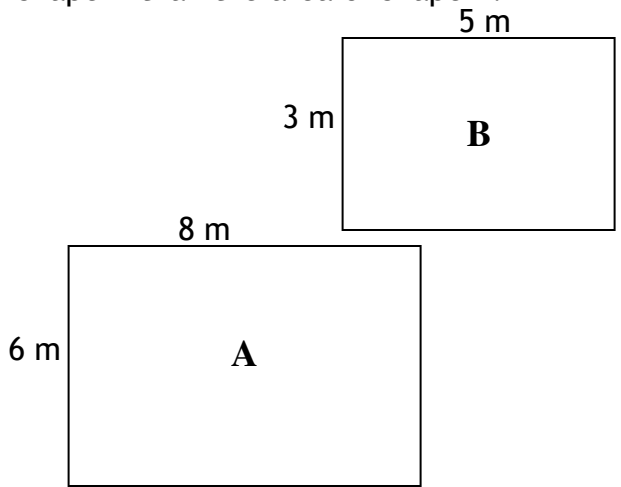


About how many inches long is the bar? 3 inches

About how many centimeters long is the bar? \_\_\_\_\_

about 8 centimeters

### 5 Minute Measurement Quiz 1-6 – Form A

<p style="text-align: center;"><u>Answers</u></p> <p>1) (A) (B) (C) (D)</p> <p>2) (F) (G) (H) (J)</p> <p>3) (A) (B) (C) (D)</p> <p>4) (F) (G) (H) (J)</p> <p>5) (A) (B) (C) (D)</p>	<p>1) How much greater is the area of shape A than the area of shape B?</p> <p>A. 33 square meters</p> <p>B. 48 square meters</p> <p>C. 15 square meters</p> <p>D. 12 square meters</p> <div style="text-align: right; margin-top: 20px;">  </div>
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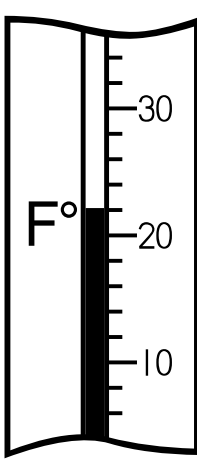
2) If the temperature on the thermometer increases  $12^\circ$ , what would the new temperature be?

F.  $10^\circ$

G.  $22^\circ$

H.  $32^\circ$

J.  $34^\circ$



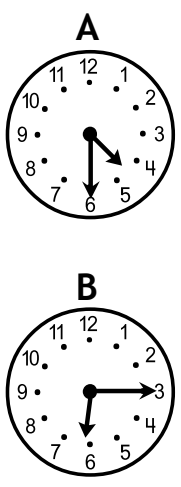
3) How much time has passed between clock A and clock B?

A. 45 minutes

B. 1 hour 45 minutes

C. 2 hours

D. 2 hours 45 minutes



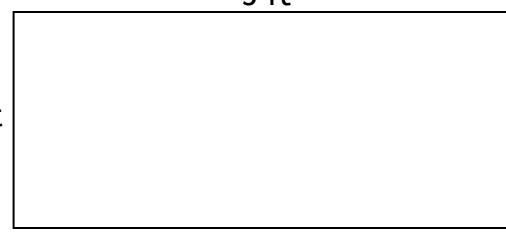
4) Starting with April 4, shade every third day. What is the last day you will shade?

April						
S	M	T	W	T	F	S
		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			

F. April 27                      H. April 29

G. April 28                      J. April 30

5) What is the perimeter of the shape?



A. 10 feet                      C. 14 feet

B. 7 feet                        D. 20 feet

# Answer Key

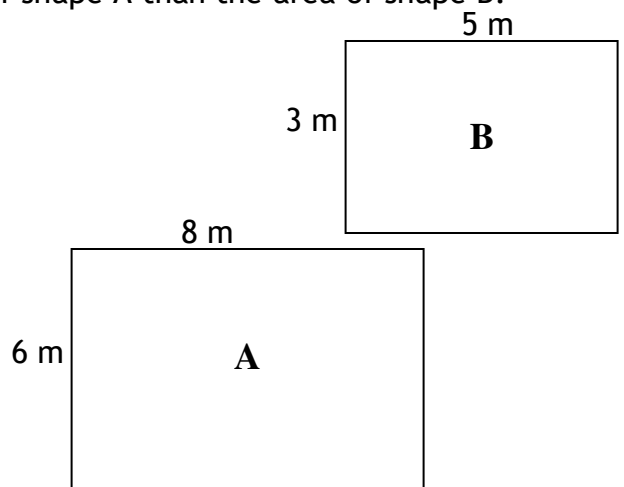
## 5 Minute Measurement Quiz 1-6 – Form A

### Answers

- 1)  A  B  C  D
- 2)  F  G  H  J
- 3)  A  B  C  D
- 4)  F  G  H  J
- 5)  A  B  C  D

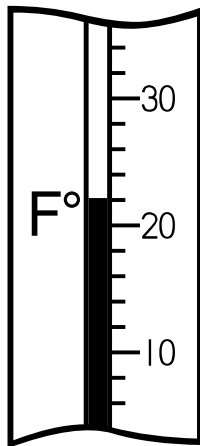
1) How much greater is the area of shape A than the area of shape B?

- A. 33 square meters
- B. 48 square meters
- C. 15 square meters
- D. 12 square meters



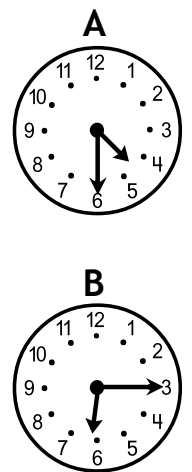
2) If the temperature on the thermometer increases  $12^\circ$ , what would the new temperature be?

- F.  $10^\circ$
- G.  $22^\circ$
- H.  $32^\circ$
- J.  $34^\circ$



3) How much time has passed between clock A and clock B?

- A. 45 minutes
- B. 1 hour 45 minutes
- C. 2 hours
- D. 2 hours 45 minutes

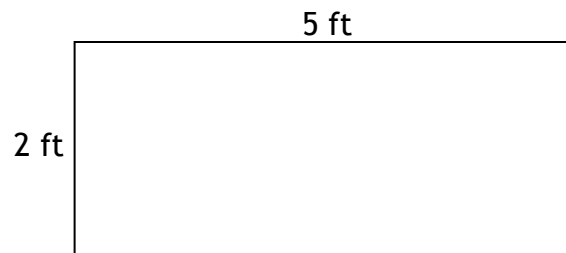


4) Starting with April 4, shade every third day. What is the last day you will shade?

April						
S	M	T	W	T	F	S
		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			

- F. April 27
- G. April 28
- H. April 29
- J. April 30

5) What is the perimeter of the shape?



- A. 10 feet
- B. 7 feet
- C. 14 feet
- D. 20 feet