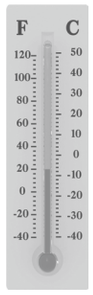
Contents

NAME: _____

Warm-Up Drill Sheet # 1

1a) Look at the thermometers below. Then read the directions. Write the temperature on the line provided.

Ex: What is the temperature in Fahrenheit? 20 °F



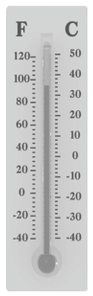
i) What is the temperature in Celsius? _____ °C

ii) What temperature would this thermometer show if it became 10° warmer?

_____ °F _____ °C

iii) What temperature would this thermometer show if it became 7° cooler?

_____ °F _____ °C



iv) What is the temperature in Fahrenheit? _____ °F

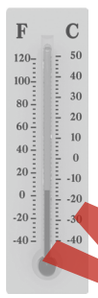
v) What is the temperature in Celsius? _____ °C

vi) What temperature would this thermometer show if it became 5° warmer?

_____ °F _____ °C

vii) What temperature would this thermometer show if it became 13° cooler?

_____ °F _____ °C



viii) What is the temperature in Fahrenheit? _____ °F

ix) What is the temperature in Celsius? _____ °C

x) What temperature would this thermometer show if it became 12° warmer?

_____ °F _____ °C

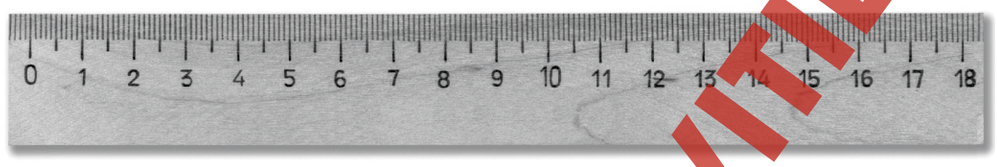
xi) What temperature would this thermometer show if it became 6° cooler?

_____ °F _____ °C

Warm-Up Drill Sheet # 2

NAME: _____

4a) Use a ruler to draw the following shapes.



Ex: Draw a rectangle with a perimeter of 3 inches (7.5 cm).

i) Draw a triangle with a perimeter of 2.5 inches (6 cm).

ii) Draw a square with a perimeter of 3 inches (8 cm).

iii) Draw a triangle with a perimeter of 3.5 inches (9 cm).

iv) Draw a rectangle with a perimeter of 2 inches (5 cm).

v) Draw a rectangle with a perimeter of 4.5 inches (12 cm).

vi) Draw a square with a perimeter of 3 inches (8 cm).

vii) Draw a rectangle with a perimeter of 2.5 inches (6 cm).

viii) Draw a square with a perimeter of 2.5 inches (6 cm).

ix) Draw a triangle with a perimeter of 4 inches (10 cm).

x) Draw a square with a perimeter of 2 inches (5 cm).

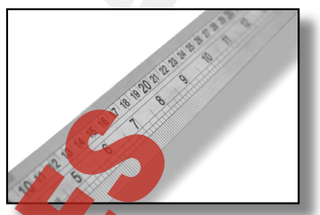
xi) Draw a rectangle with a perimeter of 5 inches (13 cm).

Timed Drill Sheet # 1

NAME: _____

Minutes

2a) Convert the following measurements of length to new measurements.



Ex: 100 mm = 1 cm

ii) 3 ft = _____ in

iv) 100 cm = _____ m

vi) 24 in = _____ ft

viii) 2 in = _____ mm

i) 12 in = _____ ft

iii) 5 cm = _____ mm

v) 6 ft = _____ yards

vii) 30 mm = _____ cm

ix) 2 yards = _____ ft

b) Circle the unit that is larger in the following pairs.

Ex:	12 inches	(2 feet)
i)	3 cm	3000 mm
ii)	40 inches	3 feet
iii)	4 m	40 cm
iv)	4 ft	2 yards
v)	5 m	500 mm
vi)	5 yards	200 cm
vii)	2 inches	20 cm
viii)	5 feet	3000 mm
ix)	40 mm	2 cm

Reflection

Organize the measurements chosen in part b) in order from smallest to largest.

Timed Drill Sheet # 2

NAME: _____

Minutes

3a) Match the item on the left with the item on the right.

Ex:	cup
1	liter
2	milliliter
3	gallon
4	pint
5	kiloliter
6	quart

equals 1000 L	A
four of these are in a gallon	B
there are two of these in a quart	C
one pint has two of these	Ex:
is the same as 1000 mL	D
a kiloliter has 100,000 of these	E
there are four quarts in this	F

b) Convert the measurements below.

i) 4 cups = _____ pints

ii) 2 L = _____ mL

iii) 20 kL = _____ L

iv) 8 pints = _____ quarts

v) 2 gallons = _____ cups

vi) 5,000 mL = _____ L

vii) 8 kL = _____ L

viii) 4 quarts = _____ pints

ix) 2 cups = _____ gallons

x) 3000 mL = _____ quarts

xi) 4 gallons = _____ cups

xii) 5 kL = _____ mL

xiii) 9 L = _____ cups

xiv) 2 pints = _____ quarts

Explore with Technology

Using the internet, research the difference between gallons and liters.
How are they different? How are they similar?
When would it be best to use gallons and when would it be best to use liters when measuring?

Review Sheet

NAME: _____

Review A

a) Convert the following measurements.

i) 12 in = _____ ft

ii) 8 cm = _____ mm

iii) 5 lbs = _____ oz

iv) 6 L = _____ mL

v) 3,000 mg = _____ g

vi) 3 gallons = _____ quarts

vii) 9 ft = _____ yards

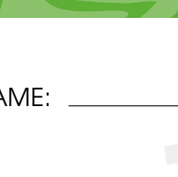
viii) 4 cups = _____ pints

b) Draw the hands on the clocks below to show the given times.

i)

12:15

ii)



9:45

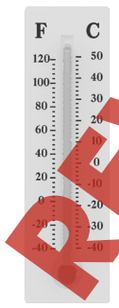
c) What coins can be used to make each amount below?

i) 28 cents: _____

ii) 32 cents: _____

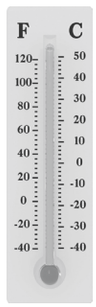
d) Color the following temperatures on the thermometers below.

i)



45°F

ii)



18°C

NAME: _____

Review Sheet

Review B

a) Convert the following measurements.

i) 4 ft = _____ in

ii) 22 g = _____ mg

iii) 7 lbs = _____ oz

iv) 6 pints = _____ cups

v) 50 L = _____ mL

vi) 12 yards = _____ feet

vii) 250 cm = _____ m

viii) 3 gallons = _____ pints

b) Convert the following times to their number forms then draw the hands on the clocks below to show the given times.

i)

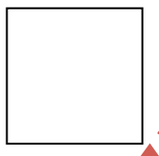
half past three = _____

ii)

quarter to eight = _____

c) Look at the shapes below. List the area and perimeter of each shape.

i)

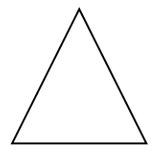


1 inch (2.5 cm)

Area: _____

Perimeter: _____

ii)



0.8 inches (2 cm)

1.2 inches (3 cm)

Area: _____

Perimeter: _____

d) List two ways to make 75 cents, using at least one of each coin: penny, nickel, dime, quarter.

_____

Review Sheet

NAME: _____

Review C

a) Convert the following measurements.

i) 2.5 ft = _____ in

ii) 227 L = _____ mL

iii) 180 g = _____ kg

iv) 12 pints = _____ gallons

v) 2.5 tons = _____ lbs

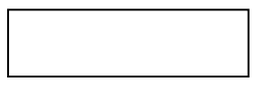
vi) 3.7 m = _____ cm

vii) 5 quarts = _____ cups

viii) 8 kL = _____ mL

b) Measure the shapes below, then list the area and perimeter.

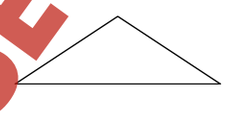
i)



Area: _____

Perimeter: _____

ii)



Area: _____

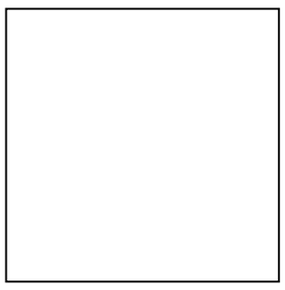
Perimeter: _____

iii)

Area: _____

Perimeter: _____

iv)



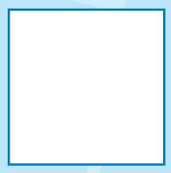
Area: _____

Perimeter: _____

Perimeter and Area

Measure the following lengths for each shape below using a ruler, then find the perimeter and area of each shape.

i)



Perimeter = _____

Area = _____

ii)

Perimeter = _____

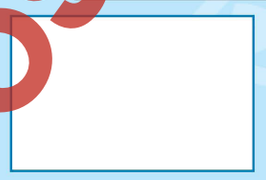
Area = _____

iii)

Perimeter = _____

Area = _____

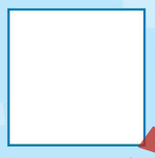
iv)



Perimeter = _____

Area = _____

v)



Perimeter = _____

Area = _____

vi)

Perimeter = _____

Area = _____

vii)

Perimeter = _____

Area = _____

viii)

Perimeter = _____

Area = _____

NAME: _____

Timed Drill Sheet # 7

Minutes

11a) Convert the standard measurements below.

gallons **cups** liters quarts **pints**

i) 2 gallons = _____ cups

ii) 2 quarts = _____ pints

iii) 800 L = _____ kL

iv) 15 kL = _____ L

v) 6 pints = _____ cups

vi) 8 gallons = _____ quarts

vii) 1 L = _____ mL

viii) 20 kL = _____ L

ix) 16 cups = _____ gallons

x) 12 pints = _____ quarts

xi) 4400 L = _____ kL

xii) 2 kL = _____ mL

xiii) 4 gallons = _____ pints

xiv) 10 cups = _____ pints

xv) 5 kL = _____ L

xvi) 5200 mL = _____ L

xvii) 4 cups = _____ quarts

xviii) 2 quarts = _____ gallons

xix) 30000 mL = _____ kL

xx) 82 L = _____ mL

Explore With Technology

Use an Internet source, such as a math website or encyclopedia. Find the formula that you would use to convert liters to cups. Then, find how many liters are in 4 cups.

EASY MARKING ANSWER KEY

11.

a)

i) 2 gallons = 32 cups
ii) 2 quarts = 4 pints

iii) 800 L = 0.8 kL
iv) 15 kL = 15,000 L

v) 6 pints = 12 cups
vi) 8 gallons = 32 quarts

vii) 1 L = 1000 mL
viii) 20 kL = 20,000 L

ix) 16 cups = 2 gallons
x) 12 pints = 6 quarts

xi) 4400 L = 4.4 kL
xii) 2 kL = 2,000,000 mL

xiii) 4 gallons = 16 pints
xiv) 10 cups = 5 pints

xv) 5 kL = 5,000 L
xvi) 5200 mL = 5.2 L

xvii) 4 cups = 1 quart
xviii) 2 quarts = 0.5 gallon

xix) 30000 mL = 0.03 kL
xx) 82 L = 82,000 mL

12.

a)

i) 120° ii) 30°

iii) 45° iv) 155°
v) 90°

vi) 35° vii) 20°
viii) 115°

ix) 75° x) 180°
xi) 60°

13.

a)

i) 48 sq. inches

ii) 6 sq. feet
iii) 800 sq. mm

iv) 15 sq. meters
v) 5 sq. feet

vi) 28 sq. inches
vii) 31.5 sq. cm

14.

EZ

a)

1 L

2 D

3 E

4 B

5 C

6 J

7 A

8 M

9 H

10 K

11 I

12 F

13 G