



Name _____ Class _____ Date _____

1

AVERAGE TEMPERATURES (°F)

City	Jan.	Apr.	July	Oct.
Boston, MA	29.6	48.7	73.5	54.8
Dallas, TX	44.0	65.9	86.3	67.9
Madison, WI	15.6	45.8	70.6	49.5
Phoenix, AZ	52.3	68.1	92.3	73.4

How much **warmer** is it in **Phoenix** than in **Boston** during the month of **January**?

- A 52.3°
- B 29.6°
- C 44.6°
- D 22.7°

2

While the United States uses the Fahrenheit scale to measure temperature, most other countries use the Celsius scale. What would **8°C** be in **Fahrenheit**?

$$^{\circ}\text{F} = ^{\circ}\text{C} \times 1.8 + 32$$

- A 46.4°F
- B 43°F
- C 80°F
- D 22°F

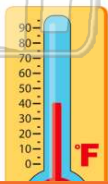


3

What would **4°C** be in **Fahrenheit**?

$$^{\circ}\text{F} = ^{\circ}\text{C} \times 1.8 + 32$$

- A 50.4°F
- B 70°F
- C 39.2°F
- D 65°F



4

If the distance from New York City to Chicago is **960** miles and the distance from Chicago to Denver is **1,500** miles, what is the distance from **New York to Denver**?

- A 2,460 miles
- C 2,400 miles



5



PREVIEW

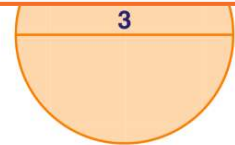
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7

- A 50 square feet
- B 45 square feet
- C 30 square feet
- D 25 square feet



- A 12.31
- B 10
- C 9.42
- D 8.42

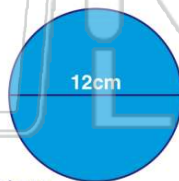


9

What is the **area** of a circle with a diameter of **12** centimeters?

$$A = \pi r^2 \quad \pi = 3.14$$

- A 314.14 square centimeters
- B 113.04 square centimeters
- C 158.72 square centimeters
- D 857.56 square centimeters

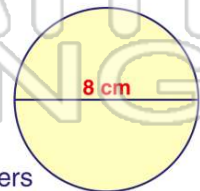


10

What is the **area** of a circle with a diameter of **8** centimeters?

$$A = \pi r^2 \quad \pi = 3.14$$

- A 314 square centimeters
- B 50.24 square centimeters
- C 200.96 square centimeters
- D 100.48 square centimeters





ANSWER KEY

AVERAGE TEMPERATURES (°F)

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How much **warmer** is it in **Phoenix** than in **Boston** during the month of **January**?

- A** 52.3° **B** 29.6° **C** 44.6° **D** 22.7°

(d)

While the United States uses the Fahrenheit scale to measure temperature, most other countries use the Celsius scale. What would **8°C** be in **Fahrenheit**?

$$°F = °C \times 1.8 + 32$$

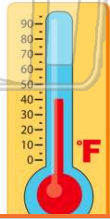


(a)

- A** 46.4°F
B 43°F
C 80°F
D 22°F

What would **4°C** be in **Fahrenheit**?

$$°F = °C \times 1.8 + 32$$



- A** 50.4°F
B 70°F
C 39.2°F
D 65°F

(c)

If the distance from New York City to Chicago is **960** miles and the distance from Chicago to Denver is **1,500** miles, what is the distance from **New York** to **Denver**?



(a)

- A** 2,460 miles **C** 2,400 miles
B 8,99 miles **D** 540 miles



PREVIEW

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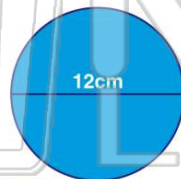
- A** 45 square feet
B 30 square feet
C 25 square feet



- B** 10
C 9.42
D 8.42

What is the **area** of a circle with a diameter of **12** centimeters?

$$A = \pi r^2 \quad \pi = 3.14$$

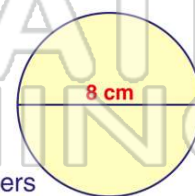


(b)

- A** 314.14 square centimeters
B 113.04 square centimeters
C 158.72 square centimeters
D 857.56 square centimeters

What is the **area** of a circle with a diameter of **8** centimeters?

$$A = \pi r^2 \quad \pi = 3.14$$



(b)

- A** 314 square centimeters
B 50.24 square centimeters
C 200.96 square centimeters
D 100.48 square centimeters