



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



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**?



5

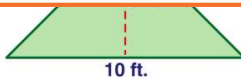


PREVIEW

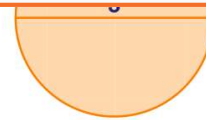
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7

- 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

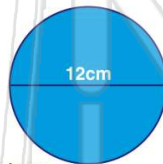


9

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





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(D)

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B 43°F
C 80°F
D 22°F



(A)

3

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(C)

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)

5



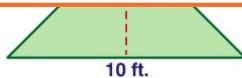
(A)

PREVIEW

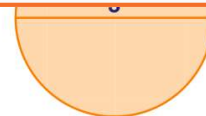
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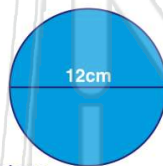
(C)

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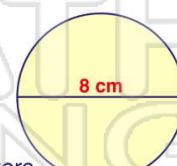
(B)

10

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C 200.96 square centimeters
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(B)