



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?

$$F = C \times 1.8 + 32$$

- A 46.4°F
- B 43°F
- C 80°F
- D 22°F



3

What would 4°C be in Fahrenheit?

$$F = C \times 1.8 + 32$$



4

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

5



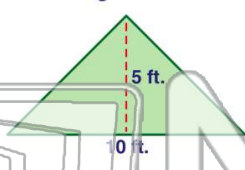
PREVIEW

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7

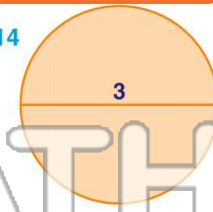
$$A = \frac{1}{2}bh$$

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



$$C = \pi \times d \quad \pi = 3.14$$

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

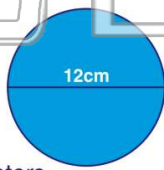


9

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

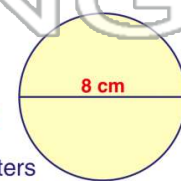


10

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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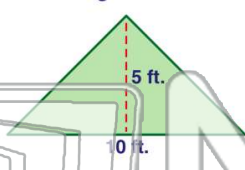
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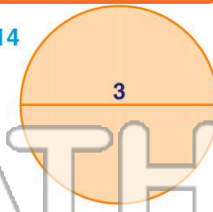
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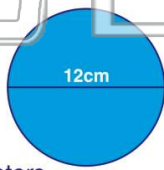


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