

Daily MCAS

2008, Mathematics - Grade 7

The list below shows the number of miles Sophie hiked on each of 7 days.

1.6, 3.1, 1.5, 2.0, 1.1, 1.8, 1.5

What was the mean number of miles she hiked each day?

- A. 1.5 miles B. 1.6 miles C. 1.8 miles D. 2.0 miles

Daily MCAS

Mathematics - Grade 7

Jocelyn is photocopying fliers for the drama club. Each photocopy costs \$0.08. How much will it cost her if she wants to photocopy 75 fliers?

- A. \$3.00 B. \$4.50 C. \$6.00 D. \$9.25

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Mathematics - Grade 7

What is the value of the expression below when $q = 8$ and $r = 4$?

$$r + q(q \div r)^2$$

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Mathematics - Grade 7

What is the sum of the measures of the three angles in $\triangle ABC$

- A. 90°
- B. 180°
- C. 270°
- D. 360°

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Mathematics - Grade 7

In 1900, Capital City had a population of 5,000. The city grew at a rate shown by the table below.

Population of Capital City	
Year	Population
1900	5,000
1920	10,000
1940	20,000
1960	40,000
1980	80,000

If the population of the city continues to grow at the same rate, during which year will the population of Capital City be over 1,000,000?

A. 2080

B. 2060

C. 2030

D. 2010