

MCAS MIXER



- 1 In 2008, about 15% of the students enrolled in public school in Massachusetts spoke a language other than English as their first language. What is another way to write 15%?

A. 15 B. 1.5 C. 0.15 D. 0.015

7.N.1

- 2 A supermarket is having an anniversary sale. Every fifteenth customer receives a coupon for 15% off. Every one-hundredth customer receives a \$150 gift certificate. Which number customer is the first to receive both the coupon and the gift certificate?

A. 150 C. 450
B. 300 D. 600

7.P.1

- 3 A 16-ounce jar of peanut butter is being sold for \$4.64. About how much does the peanut butter cost per ounce?

A. 35 cents per ounce
B. 30 cents per ounce
C. 25 cents per ounce
D. 20 cents per ounce

7.N.2

- 4 Before a track meet, Thomas likes to warm-up by walking $1\frac{2}{3}$ laps, running $4\frac{1}{2}$ laps, and then cool down by walking $1\frac{2}{3}$ laps. How many laps does Thomas complete altogether as a warm-up before a track meet?

A. $6\frac{1}{6}$ laps
B. $6\frac{5}{6}$ laps
C. $7\frac{1}{6}$ laps
D. $7\frac{5}{6}$ laps

7.N.7

- 5 Malik worked 22 hours last week and earned \$258 before taxes. Which of the following proportions can be used to determine x , the amount of money Malik will earn before taxes for 36 hours of work?

A. $\frac{258}{22} = \frac{x}{36}$
B. $\frac{258}{22} = \frac{36}{x}$
C. $\frac{1}{22} = \frac{x + 258}{36}$
D. $\frac{22}{1} = \frac{x + 258}{36}$

7.P.6