**1 / 11**

6. $\dfrac{(.2)^3}{(.02)^2} =$

A) .2 B) 2 C) 10 D) 15 E) 20

**1988 Q6**

**2 / 11**

6. $\dfrac{2}{1-\frac{2}{3}} =$

A) $-3$ B) $-\frac{4}{3}$ C) $\frac{2}{3}$ D) 2 E) 6

**1986 Q6**

**3 / 11**

**2008 Q7**

7. If $\dfrac{3}{5} = \dfrac{M}{45} = \dfrac{60}{N}$, what is $M + N$?

**(A)** 27 **(B)** 29 **(C)** 45 **(D)** 105 **(E)** 127

**4 / 11**

**1991 Q7**

7. The value of $\dfrac{(487,000)(12,027,300)+(9,621,001)(487,000)}{(19,367)(.05)}$ is closest to

**(A)** $10,000,000$ **(B)** $100,000,000$ **(C)** $1,000,000,000$
**(D)** $10,000,000,000$ **(E)** $100,000,000,000$



**1995 Q7**

7. At Clover View Junior High, one half of the students go home on the school bus. One fourth go home by automobile. One tenth go home on their bicycles. The rest walk home. What fractional part of the students walk home?

**(A)** $\frac{1}{16}$ **(B)** $\frac{3}{20}$ **(C)** $\frac{1}{3}$ **(D)** $\frac{17}{20}$ **(E)** $\frac{9}{10}$

**1999 Q7**

7. The third exit on a highway is located at milepost 40 and the tenth exit is at milepost 160. There is a service center on the highway located three-fourths of the way from the third exit to the tenth exit. At what milepost would you expect to find this service center?

**(A)** 90 **(B)** 100 **(C)** 110 **(D)** 120 **(E)** 130

**7 / 11**

**1991 Q8**

8. What is the largest quotient that can be formed using two numbers chosen from the set $\{-24, -3, -2, 1, 2, 8\}$?

**(A)** $-24$ **(B)** $-3$ **(C)** 8 **(D)** 12 **(E)** 24

**8 / 11**

8. $(2 \times 3 \times 4)\left(\frac{1}{2} + \frac{1}{3} + \frac{1}{4}\right) =$

A) 1 B) 3 C) 9 D) 24 E) 26

**1989 Q8**

**9 / 11**

9. When finding the sum $\frac{1}{2} + \frac{1}{3} + \frac{1}{4} + \frac{1}{5} + \frac{1}{6} + \frac{1}{7}$, the least common denominator used is

A) 120 B) 210 C) 420 D) 840 E) 5040

**1987 Q9**

**10 / 11**

**2017 Q9**

9. All of Marcy's marbles are blue, red, green, or yellow. One third of her marbles are blue, one fourth of them are red, and six of them are green. What is the smallest number of yellow marbles that Marcy could have?

**(A)** 1 **(B)** 2 **(C)** 3 **(D)** 4 **(E)** 5

**11 / 11**

**1985 Q10**

10. The fraction halfway between $\frac{1}{5}$ and $\frac{1}{3}$ (on the number line) is

A) $\frac{1}{4}$ B) $\frac{2}{15}$ C) $\frac{4}{15}$

D) $\frac{53}{200}$ E) $\frac{8}{15}$