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1988 Q1

1. The diagram shows part of a scale of a measuring device. The arrow indicates an approximate reading of

- A) 10.05 B) 10.15 C) 10.25
D) 10.3 E) 10.6



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1991 Q1

1. $1,000,000,000,000 - 777,777,777,777 =$

- (A) 222,222,222,222 (B) 222,222,222,223 (C) 233,333,333,333
(D) 322,222,222,223 (E) 333,333,333,333

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1990 Q1

1. What is the smallest sum of two 3-digit numbers that can be obtained by placing each of the six digits 4,5,6,7,8,9 in one of the six boxes in this addition problem?

- A) 947 B) 1037 C) 1047 D) 1056 E) 1245

$$\begin{array}{r}
 \square \square \square \\
 + \square \square \square \\
 \hline
 \end{array}$$

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1993 Q1

1. Which pair of numbers does NOT have a product equal to 36?

- (A) $\{-4, -9\}$ (B) $\{-3, -12\}$ (C) $\left\{\frac{1}{2}, -72\right\}$
 (D) $\{1, 36\}$ (E) $\left\{\frac{3}{2}, 24\right\}$

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1999 Q1

1. $(6 ? 3) + 4 - (2 - 1) = 5$. To make this statement true, the question mark between the 6 and the 3 should be replaced by

- (A) \div (B) \times (C) $+$ (D) $-$ (E) None of these

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2017 Q1

1. Which of the following values is largest?

- (A) $2 + 0 + 1 + 7$ (B) $2 \times 0 + 1 + 7$ (C) $2 + 0 \times 1 + 7$
(D) $2 + 0 + 1 \times 7$ (E) $2 \times 0 \times 1 \times 7$

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1990 Q2

2. Which digit of .12345, when changed to 9, gives the largest number?

- A) 1 B) 2 C) 3 D) 4 E) 5

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3. $\frac{10^7}{5 \times 10^4} =$

- A) .002 B) .2 C) 20 D) 200 E) 2000

1985 Q3

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3. Two hundred thousand times two hundred thousand equals
- (A) four hundred thousand
 - (B) four million
 - (C) forty thousand
 - (D) four hundred million
 - (E) forty billion

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2017 Q3

3. What is the value of the expression $\sqrt{16\sqrt{8\sqrt{4}}}$?

(A) 4 (B) $4\sqrt{2}$ (C) 8 (D) $8\sqrt{2}$ (E) 16

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2017 Q4

4. When 0.000315 is multiplied by 7,928,564 the product is closest to which of the following?
- (A) 210 (B) 240 (C) 2,100 (D) 2,400 (E) 24,000

4. $1000 \times 1993 \times 0.1993 \times 10 =$

- (A) 1.993×10^3 (B) 1993.1993 (C) $(199.3)^2$
(D) $1,993,001.993$ (E) $(1993)^2$

1993 Q4

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1989 Q5

5. $-15 + 9 \times (6 \div 3) =$

- A) -48 B) -12 C) -3 D) 3 E) 12

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1998 Q5

5. Which of the following numbers is largest?

- (A) 9.12344 (B) $9.123\bar{4}$ (C) $9.12\bar{34}$ (D) $9.\bar{1234}$ (E) $9.\overline{1234}$