1. Ann and Jenny divide 560 zeds between them. If Jenny gets 3/8 of the money, how many zeds will Ann get? _____

2.

$$\frac{4}{100} + \frac{3}{1000} =$$

   A. 0.043   B. 0.1043   C. 0.403   D. 0.43

3. Which of these is the BEST estimate of

   $$\frac{7.21 \times 3.86}{10.09}?$$

   A. $\frac{7\times3}{10}$ B. $\frac{7\times4}{10}$ C. $\frac{7\times3}{11}$ D. $\frac{7\times4}{11}$

4. The pie chart shows the percentage of caps for sale at a sporting goods store. If there are 200 caps, what is the total number of caps that are either white or green?
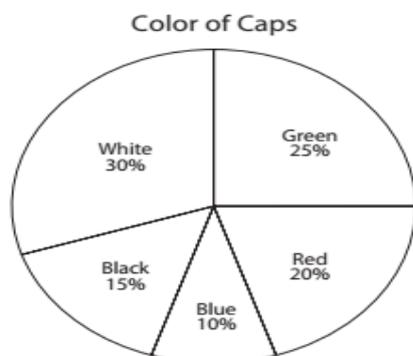
   A. 55   B. 100   C. 110   D. 145

5. Which of these shows how 36 can be expressed as a product of prime factors?
   A. 6×6 B. 4×9 C. $4 \times 3 \times 3$ D. $2 \times 2 \times 3 \times 3$

6. Write $3\frac{5}{6}$ in decimal form, rounded to 2 decimal places. _____

7. Which fraction is equivalent to 0.125?

   A. $\frac{125}{100}$ B. $\frac{125}{1000}$ C. $\frac{125}{10000}$ D. $\frac{125}{100000}$

8. *P* and *Q* represent two fractions on the number line
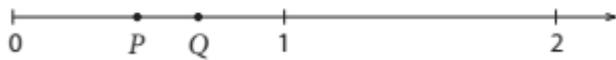
$P \times Q = N.$
Which of these shows the location of *N* on the number line?

A.

B.

C.

D.
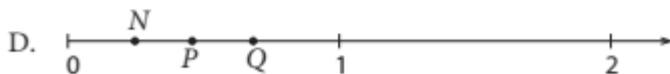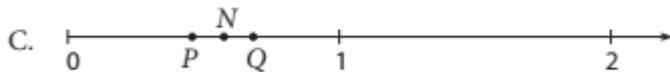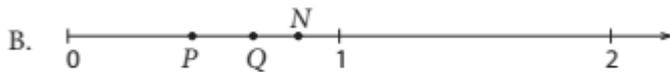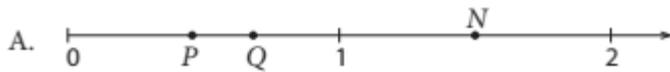
9. Place the four digits 3, 5, 7, and 9 into the boxes below in the positions that would give the greatest result when the two numbers are multiplied


10. Look at this table:

4^1	4^2	4^3	4^4	4^5	4^6
4	16	64	256	1,024	4,096

Use the table to express the value of $256 \times 4{,}096$ as a power of 4.

A. 4^{10} B. 4^{16} C. 4^{20} D. 4^{24}

11. Which number does *K* represent on this number line?

A. 27.4   B. 27.8   C. 27.9   D. 28.2

12. The fractions $\dfrac{4}{14}$ and $\dfrac{x}{21}$ are equivalent. What is the value of *x*

A. 6   B. 7   C. 11   D. 14