**Math Skills 9/6/17 Name:**

**Directions: Solve the following problems. Leave questions, notes, computations, sketches or other information that will help you explain how you got your answer.**

1. The lowest point on Earth is the bottom of the Mariana Trench at a depth of 35,840 feet below sea level. The highest point on Earth is the summit of Mt. Everest at a height of 29,028 feet above sea level. Which of the following is the best estimate of the distance between the lowest and highest points on Earth?

A. 6,000 feet

B. 7,000 feet

C. 64,000 feet

D. 65,000 feet

E. 66,000 feet

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2. Hunter uses 1 box of cat food every 5 days to feed his cats. Approximately how many boxes of cat food does he use per month?

A. 2 boxes

B. 4 boxes

C. 5 boxes

D. 6 boxes

E. 7 boxes

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3. Gwen can develop 2 rolls of film in about 18 minutes. At this rate, how long will it take her to develop 8 rolls of film?

A. 42 minutes

B. 1 hour 12 minutes

C. 1 hour 20 minutes

D. 1 hour 44 minutes

E. 2 hours 24 minutes

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**Directions: Solve the following problems. Leave questions, notes, computations, sketches or other information that will help you explain how you got your answer.**

4. At a college, approximately 2 out of 5 seniors go on to attend graduate school. If there are 750 seniors at the college, how many would be expected to attend graduate school?

A. 75 seniors

B. 107 seniors

C. 150 seniors

D. 214 seniors

E. 300 seniors