

1. Calculate the quotient using only pencil and paper.  $35 \div (-35)$

- A. 4
- B. 3
- C. -3
- D. -6
- E. 1
- F. -5
- G. -1
- H. -2

2. A fungus called “white-nose syndrome” has killed an estimated 500,000 bats throughout the country. This means about 2,400,000 pounds of bugs aren’t eaten over the year, says Forest Service biologist Becky Ewing. How many pounds of insects does an average bat eat annually?

- A. The average bat eats about 4.4 pounds of insects per year.
- B. 4.2
- C. The average bat eats about 4.2 pounds of insects per year.
- D. 3.9
- E. 4.8
- F. 4.4
- G. The average bat eats about 4.8 pounds of insects per year.
- H. The average bat eats about 4.1 pounds of insects per year.

3. How many quarter-acre lots can be made from  $5\frac{1}{4}$  acres of land?

A. 34 lots

B. 23 lots

C. 33 lots

D. 22 lots

E. 21 lots

F. 35 lots

4. Calculate the product using only pencil and paper.  $3.9 \cdot 93$

A. 39.897

B. 3.627

C.  $-362.7$

D. 362.7

E.  $-39.897$

F.  $-3.627$

G. 43.524

H.  $-43.524$

5. A power company charges \$0.13 per Kwh for the first 333 Kwh of electrical power used. If Toki Wartooth used 309 Kwh of power, what was their electrical bill?

A. \$41.47

B. \$33.99

C. \$27.81

D. \$37.08

E. \$38.87

F. \$40.17

6. Calculate the quotient using only pencil and paper.  $-\frac{7}{16} \div \frac{11}{6}$

A.  $\frac{63}{88}$

B.  $-\frac{21}{88}$

C.  $\frac{63}{176}$

D.  $\frac{21}{176}$

E.  $-\frac{63}{352}$

F.  $-\frac{88}{21}$

G.  $-\frac{21}{44}$

H.  $-\frac{7}{22}$

7. Calculate the product using only pencil and paper.  $3.9 \cdot 2.2 \cdot (-1)$

- A. 7.08
- B.  $-7.08$
- C. 8.58
- D.  $-7.38$
- E. 7.38
- F. 17.16
- G.  $-17.16$
- H.  $-8.58$

8. Toki Wartooth has decided to build a rectangular fish pond near their patio. They want it to be 11 feet wide, 17 feet long, and 1.5 feet deep. What is the volume of water it will hold?

- A. 280.5 cubic feet
- B. 300.5 cubic feet
- C. 300.5 gallons
- D. 270.5 gallons
- E. 280.5 gallons
- F. 260.5 cubic feet
- G. 260.5 gallons
- H. 270.5 cubic feet