How Are Dogcatchers Paid?

Find each correct answer at the bottom of the page and cross out the letter above it. When you're finished, the answer to the title question will remain.

1 $2\frac{1}{2} \cdot 4\frac{3}{5}$

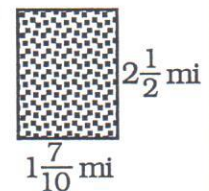**2** $-3\frac{1}{3} \cdot 5\frac{1}{4}$

3 $\left(-3\frac{3}{4}\right)\left(-2\frac{3}{10}\right)$

4 $1\frac{7}{8} \cdot \left(-13\frac{1}{3}\right)$

5 $-6\frac{2}{5} \cdot \left(-\frac{7}{12}\right)$

6 $-2\frac{1}{10} \cdot 1\frac{2}{7} \cdot 4\frac{1}{6}$

7 Water flows out of a shower head at a rate of $1\frac{2}{3}$ gallons per minute. How much water will be used for a $7\frac{1}{2}$-min shower?

8 South Park is in the shape of a rectangle $2\frac{1}{2}$ mi long and $1\frac{7}{10}$ mi wide. What is the area of the park?

$2\frac{1}{2}$ mi

$1\frac{7}{10}$ mi

9 $\left(-4\frac{1}{2}\right)^2$

10 $-8\frac{1}{3} \cdot 4$

11 $\left(-3\frac{1}{4}\right)\left(-2\frac{2}{5}\right)\left(-2\frac{1}{3}\right)$

12 $5\frac{5}{6} \cdot 1\frac{1}{3} \cdot \left(-\frac{4}{7}\right)$

13 $\left(5\frac{5}{8}\right)\left(2\frac{2}{3}\right)^2$

14 $\left(-2\frac{1}{7}\right)\left(-\frac{7}{15}\right)(9)$

15 Boy Scout Troop 2 went backpacking in the Sierras. The scouts hiked $5\frac{1}{2}$ hours each day for 4 days. If their average speed was $1\frac{3}{4}$ mph, how far did they hike altogether?

16 A new section of freeway will be $6\frac{3}{5}$ mi long. So far, one-sixth of the new section has been completed. How many more miles must be built to complete the project?

answers 1-8	W	E	B	I	N	Y	T	S	H	A	T	E	D
	$-11\frac{1}{4}$	$-17\frac{1}{2}$	$9\frac{5}{6}$ gal	$4\frac{1}{4}$ mi^2	-25	$9\frac{4}{5}$	$4\frac{2}{5}$ mi^2	$12\frac{1}{2}$ gal	$-10\frac{5}{12}$	$3\frac{11}{15}$	$11\frac{1}{2}$	$3\frac{7}{20}$	$8\frac{5}{8}$

answers 9-16	U	P	D	O	G	E	F	U	N	T	O	O	D
	$-4\frac{4}{9}$	$39\frac{7}{8}$ mi	$5\frac{1}{2}$ mi	$-5\frac{1}{3}$	9	$-33\frac{1}{3}$	$38\frac{1}{2}$ mi	$38\frac{7}{24}$	$4\frac{2}{3}$ mi	$20\frac{1}{4}$	40	$-18\frac{1}{5}$	$-19\frac{3}{10}$