

## WRITTEN PRACTICE ANSWERS

1 See student work.

2 7 years

3 96 lions

4 \$15,999

5 a. C and D

b. B

6  $\frac{10}{3}$ ;  $2\frac{1}{2}$

7 a.  $\angle ADC$  (or  $\angle CDA$ )

b. trapezoid

8  $4\frac{5}{6}$

9  $3\frac{2}{3}$

10  $4\frac{1}{3}$

11  $3\frac{5}{12}$

12 0.0024

13 0.24

14 150

15 0.8

16 20

17 0.15

18 a. 0.05

b. 0.005

19 1.24

20 0.036

21 1.2

22 3600

23  $1\frac{1}{2}$

24  $10\frac{2}{3}$

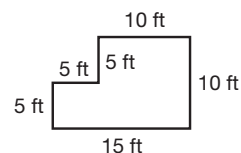
25 a.  $1\frac{2}{3}$  ft

b.  $\frac{1}{6}$  sq. ft

26 960 cubic feet

27 a. 125 sq. ft

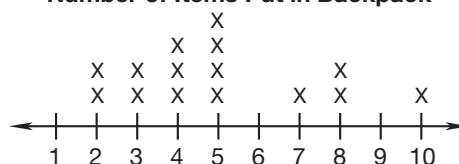
b.



Perimeter is 50 feet.

28 a.

Number of Items Put in Backpack



b. 5 items

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c. 5 items

d. 8 items

**29**  $48 - 13 - 11 - 1$ , or 23  
seats

**30** a. Sample: Use rounding; a  
reasonable estimate is  $300$   
 $+ 300 + 500 + 300 + 400$ ,  
or 1800 students.

b.  $1800 \div 5 = 360$ ; about  
360 students