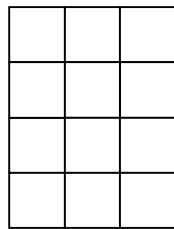


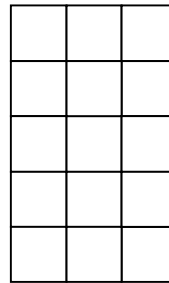
Algebra in My World (3 - 4)

Answer Key and Scoring Guide

<u>Item</u>	<u>Value</u>	<u>Answer</u>
1.	(1-2 points)	Score 1 point for equation and 1 point for solution. Solution must be labeled. Possible equations: $42 - 18 = x$ $f + 18 = 42$ $42 - 18 = 24$ Solution: 24 feet
2.	(1 point)	All three numbers need to be circled: 4 8 5
3.	(1 point)	7
4.	(1 point)	-
5.	(1 point)	d
6.	(1 point)	Answer needs to reflect adding 8.
7.	(1 point)	b
8.	(1-3 points)	One point for each correct section. a. 5 b. 8 c. times 5
9.	(1-2 points)	One point for each true statement. Each statement needs to be checked for correctness. There are a variety of solutions, depending on what number and symbol students enter.
10a.	(1-2 points)	One point for each correct sketch and number.



term 4 - 12



term 5 - 15

10b.	(1 point)	30
10c.	(1 point)	multiply by 3
11a.	(1 point)	17
11b.	(1 point)	6
11c.	(1 point)	0

- 11d. (1 point) $2x + 1$
Students may describe the rule in words such as two times the term and add one more.
- 12a. (1 point) $3 + 6$
Answers for 12a - 12d must be written as expressions. Do not give credit if student performs the operation and lists a solution such as 9 or if answer is written as an equation such as $6 + 3 = 9$.
- 12b. (1 point) $10 - 7$
- 12c. (1 point) $2 + 9$
- 12d. (1 point) $16/2$ or $1/2 \times 16$
13. (1 point) Both answers need to be correct.
 $\square = 8$ $\hexagon = 2$
14. (1 point) All answers need to be correct.
 $\triangle = 8$ $\square = 5$ $\hexagon = 3$
15. (1 point) 115
16. (1 point) 22
17. (1 point) 77
- 18a. (1 point) $<$
- 18b. (1 point) $>$
- 18c. (1 point) $>$
- 18d. (1 point) $>$
19. (.5 - 2 points)

Score of 2: 6 or more solutions.

Score of 1: 3-5 solutions.

Score of .5: 1 or 2 solutions.

Solutions may vary.

Possible solutions:

\square	\hexagon
15	0
14	2
13	4
12	6
11	8
9	12
8	14
7	16
6	18
5	20
4	22
3	24
2	26
1	28
0	30