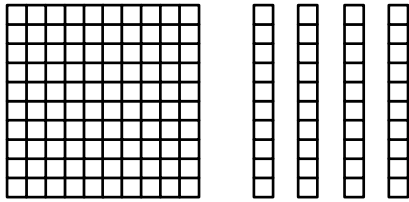


# MATH MADNESS #1

1. Each  $\square$  in the model has a value of 1. What number is represented by the model below?

- a. 14
- b. 104
- c. 114
- d. **140**



5. Slone has a box of 150 candy bars. Slone sold 110 of the candy bars last week. She sold half of the remaining candy bars today. How many candy bars did Slone sell today?

- a. **20**
- b. 40
- c. 60
- d. 80

2. Students shaded figures to represent a fraction.

Which sentence about the figures is true?



Dave



Josh



Zach



Debi

- a. Dave shaded  $\frac{1}{3}$  of his figure.
- b. **Josh shaded  $\frac{2}{8}$  of his figure.**
- c. Zach shaded  $\frac{3}{5}$  of his figure.
- d. Debi shaded  $\frac{2}{2}$  of her figure.

6. Bernadette drew a quadrilateral and then divided it into four equal parts. Which of the following could have been the figure Bernadette drew?



Figure 1



Figure 2



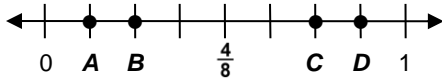
Figure 3



Figure 4

- a. Figure 1
- b. **Figure 2**
- c. Figure 3
- d. Figure 4

3. Which of the following shows the location of  $\frac{2}{8}$  on the number line?



- a. A
- b. **B**
- c. C
- d. D

7. Trey's dentist appointment is on the third Thursday in June. When is his appointment?

- a. June 3
- b. June 4
- c. June 11
- d. **June 18**

June						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				


4. In which equation could the number fourteen replace the question mark to make the equation true?

- a.  $8 + ? = 24$
- b.  $19 - ? = 6$
- c.  **$28 - 14 = ?$**
- d.  $9 + ? = 26$

8. How many inches are in two feet?

- a. 10
- b. 12
- c. 20
- d. **24**

## 9 & 10 (2 points) Short Answer / Extended Response



Al made a chart to show the number of books he read over the summer. Each symbol () on the chart represents two books.

How many science fiction books did Al read? 6

How many more science fiction books did Al read than action and adventure books? 2

Al forgot to finish his chart. If he read eight mystery books, how many symbols should he draw?

4

Al's Reading Chart	
Science Fiction	
Action and Adventure	
Mystery	