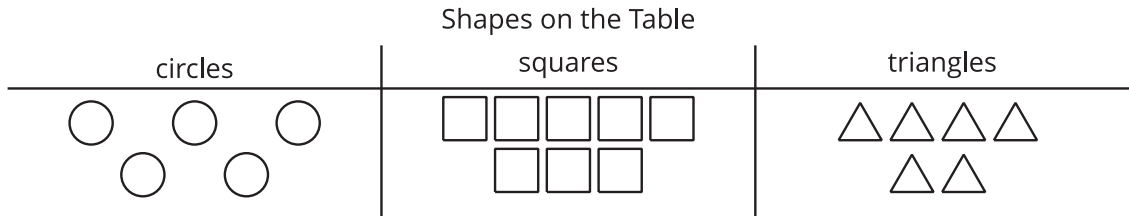


Section A: Practice Problems

1. Pre-unit

The picture shows how Jada sorted the shapes on her table.



Use the picture to answer the questions:

- a. How many squares were on the table? _____
- b. How many triangles were on the table? _____
- c. Which shape has the smallest number? _____

2. Pre-unit

The table shows the favorite magical powers of some students.

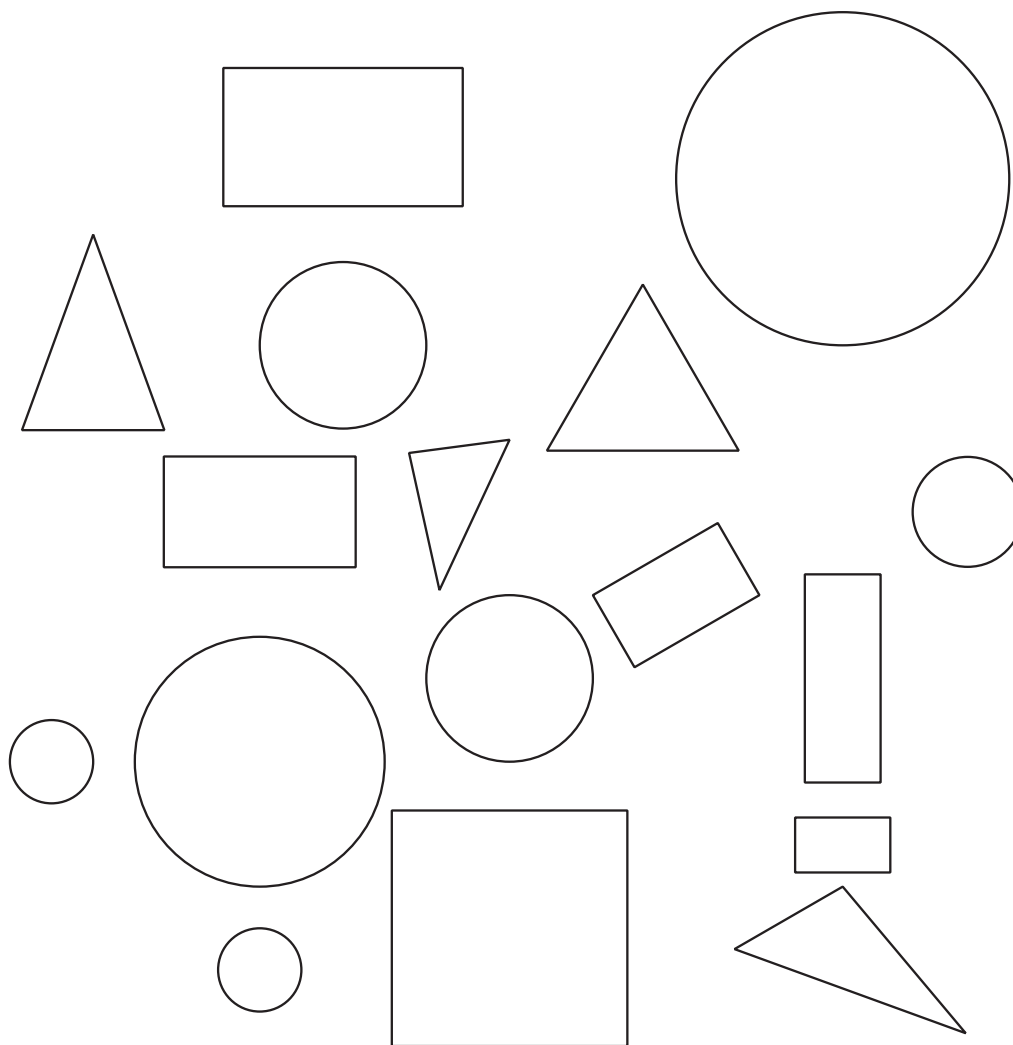
Favorite Magical Power		
read minds	become invisible	fly
6	8	3

- How many more students prefer being invisible to flying?

- How many fewer students prefer flying to reading minds?

3. Pre-unit

Here are some shapes:



Fill out the chart showing the shapes.

Shapes		
circle	triangle	rectangle

4. Find the value of each expression.

a. $9 - 2$

b. $5 + 3$

c. $2 + 8$

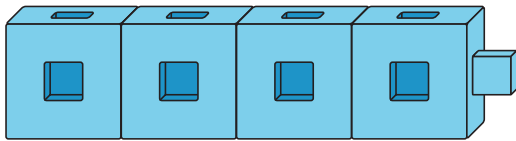
d. $7 - 4$

e. $10 - 3$

f. $1 + 6$

(From Unit 1, Lesson 1.)

5. Jada is playing “What’s Behind my Back?” with Han. Han has 10 cubes and shows Jada these connecting cubes.



- a. How many connecting cubes are behind Han’s back?

- b. What’s an addition equation that you can write that matches the game?

- c. What’s a subtraction equation that you can write that matches the game?

(From Unit 1, Lesson 2.)

6. Find the number that makes each equation true. Show your thinking using drawings, numbers, or words.

a. $20 - 10 = \underline{\quad}$

b. $17 + \underline{\quad} = 20$

c. $20 = 5 + \underline{\quad}$

d. $7 = 20 - \underline{\quad}$

(From Unit 1, Lesson 3.)

7. Here are the numbers on seven cards:

1 2 3 5 6 7 9

a. Choose three of the numbers to add to get as close as you can to 20.

b. Write an equation to show your choice.

(From Unit 1, Lesson 4.)

8. Find the value of each sum. Show your thinking using drawings, words, or numbers.

a. $31 + 15$

b. $17 + 8$

c. $26 + 17$

(From Unit 1, Lesson 5.)

9. Exploration

Choose 3 of these 7 cards and get as close to 20 as possible.

1 3 4 5 7 8 9

a. Can you make 20?

b. Can you make 20 in more than 1 way?

c. Can you make 20 using the 1?

10. Exploration

Clare has a set of cards numbered 1, 2, 3, 4, 5, 6, 7, 8, 9.

She picks out seven of the cards. Clare was NOT able to make 20 with 3 of her 7 cards. Which cards do you think she picked out if she was NOT able to make 20?