MATHEMATICS AND READING
TESTING PRACTICE FOR **GRADE 2/3**

Each year in Hawaii, tens of thousands of public and private school students take standardized tests as part of school-wide and statewide assessments as well as academic ability tests for admission to private school. These standardized tests may include the **MAP** (Measures of Academic Progress – NWEA), **SSAT** Elementary, **ISEE** (Independent School Entrance Exam), **CTP-4** (Comprehensive Testing Program distributed by the **ERB**), the CTBS (Comprehensive Tests of Basic Skills), the TerraNova, the Stanford Achievement Test and the ITBS (Iowa Tests of Basic Skills).

This test preparation study guide is a vital intermediary step for **second graders** (and "emerging" or "progressing" third graders) transitioning to the **extremely challenging** "Mathematics and Reading Standardized Testing Practice for Private School Admission to Grade 4" prep book.

Intensely difficult and lengthy (2½ to 4 hours) academic ability tests are required as part of the admissions process for entrance to Hawaii's top private schools. These standardized "entrance exams" may be administered in conjunction with a **writing sample**, an **admissions interview** and/or a **group observational session**.

Advanced or recently graduated first graders can also begin using this study guide as they transition to more challenging concepts introduced in the first semester of their second grade year.

A pervasive characteristic of academic ability tests for current second graders is that they are challenging, oftentimes featuring Mathematics and Reading test questions months, quarters or even semesters ahead of your child's current public or private school curriculum. Standardized tests used for the admission process target a smaller, more competitive group of students applying for top private schools across the nation.

Arguably the most important factor in standardized test preparation is the usage of **relevant study materials**. While it is reasonably simple to find intelligent and enthusiastic test preparation instructors, it is relatively difficult to obtain study materials that systematically and efficiently prepare a seven or eight-year-old for an intensive and multifaceted private school academic ability test. This study guide attempts to closely approximate the sequence, scope, phrasing and difficulty level of actual standardized tests.
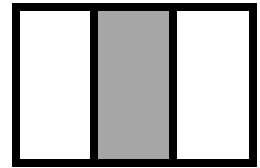
10. In the hundreds chart, what numbers fill the spaces from top to bottom?

(A)　40, 59 and 68
(B)　50, 59 and 68
(C)　50, 59 and 67
(D)　50, 57 and 68

48	49	
58		60
	69	70

11. What fraction does the colored part show?

(A)　$\dfrac{1}{3}$　　　　(B)　$\dfrac{1}{2}$

(C)　$\dfrac{3}{1}$　　　　(D)　$\dfrac{2}{1}$

12.　**4 tens + 7 ones =**

(A)　11
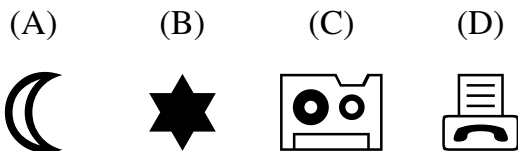(B)　74
(C)　47
(D)　470

13. Which statement is **<u>not</u>** true?

(A)　19 is less than 81.
(B)　"Sixty-five is greater than fifty-six."
(C)　51 is greater than 49.
(D)　"Thirty is less than thirteen."

14. Look at the pattern of shapes in the row below. What is the next shape in the pattern?

(A)　▽　　　　(B)　▲　　　　(C)　△　　　　(D)　▼

15. All the pictures can be cut in half to make two equal parts **except** which picture?

(A)　　(B)　　(C)　　(D)
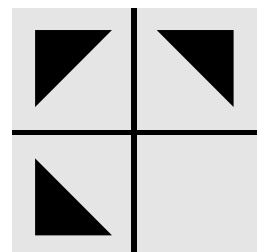

16. Isabella has seven books. Her friend has eight books. How many books do they have in all?

(A)　15
(B)　1
(C)　78
(D)　14

17. There is a missing triangle in the pattern in the box. Which triangle belongs in the bottom-right corner?

(A)　　(B)　　(C)　　(D)

18. One quarter, three dimes, two nickels and four pennies is how much money?

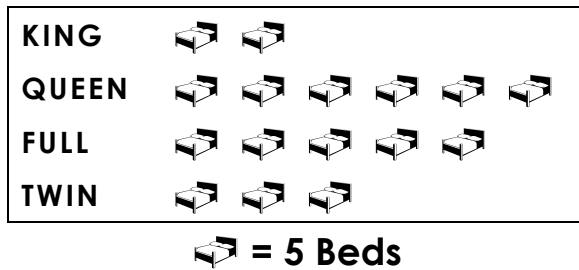(A) $0.59
(B) $0.64
(C) $0.69
(D) $0.74

19. A family baked sixteen cookies. They ate nine cookies. How many cookies are left?

(A) 7
(B) 25
(C) 8
(D) 26

Use the picture graph for problems #21 and #22.

Types of Beds at a Furniture Store

KING	🛏 🛏
QUEEN	🛏 🛏 🛏 🛏 🛏 🛏
FULL	🛏 🛏 🛏 🛏 🛏
TWIN	🛏 🛏 🛏

🛏 = 5 Beds

20. Four coins have a value of 17¢.
What are the four coins?

(A) Two dimes and two pennies
(B) One dime, one nickel and two pennies
(C) Two nickels and two pennies
(D) One dime, two nickels and one penny

21. How many more queen-size beds than twin-size beds are there?

(A) 3
(B) 4
(C) 10
(D) 15

22. The combined number of twin- and full-size beds is equal to the number of

(A) queen- and twin-size beds
(B) twin- and king-size beds
(C) queen- and king-size beds
(D) full- and queen-size beds

23. What is the missing value?

(A) 5   (B) 6

(C) 7   (D) 8

2 dimes + ___ nickels = $0.50
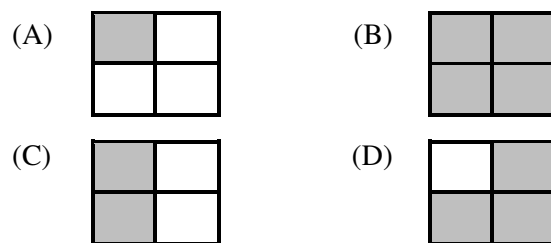
24. Look at the equations.
What is $A + B + C$?

$$1 + 3 = A$$
$$B = 9 - 2$$
$$5 + C = 8$$

(A) 14
(B) 15
(C) 16
(D) 17

25. Which object has a length of about 11 inches?

(A) a piece of folder paper
(B) a spoon
(C) a flagpole
(D) a school desk

26. Which figure is shaded to show one whole?

(A)

(B)

(C)

(D)

1	Joey put on his mask. He flapped his cape in front of the mirror. This is the best
2	costume, he thought. I'm sure to win the contest. Joey skipped downstairs. "Here I
3	come to rescue you!" Joey shouted.
4	"Nice costume," said Joey's dad.
5	"I'm a superhero," said Joey.
6	"Joey," said Mom, "I need you to watch Mindy at the party."
7	Joey looked at his little sister. "But Mom, superheroes don't have kid sisters."
8	"Well this superhero has a sister," said Mom.
9	"What will Mindy's costume be?" asked Dad.
10	"I'm not sure," said Mom.
11	Joey got an idea. "I know!" Joey took Mindy upstairs to his room. He dug
12	through his closets. Joey found his baby blanket. He put it around Mindy's
13	shoulders. At the party, Superhero Joey and his sidekick Supergirl Mindy won first
14	prize!

<div align="right">Katherine Rollins</div>

1. Why was Joey dressed like a superhero?
(A) It was bedtime.
(B) He just finished reading a superhero comic.
(C) It was Halloween.
(D) He was going to enter a costume contest.
(E) It was the only costume he had.

2. At the party, Joey was supposed to
(A) fly in the air.
(B) help make the food.
(C) be nice to everyone.
(D) clean up.
(E) watch his little sister.

3. _____ is NOT a character in the story.
(A) Joey
(B) Joey's dad
(C) Joey's mom
(D) Joey's brother
(E) Joey's sister

4. When does most of this story take place?
(A) at the party
(B) before the party
(C) during the party
(D) after the party
(E) upstairs

5. What did Joey put on Mindy when he dressed her up as Supergirl?
(A) an old baby blanket
(B) a Supergirl costume
(C) a first prize ribbon
(D) his superhero mask
(E) her shoulders

6. Which happened last in the reading?
(A) Joey dug through his closets.
(B) Joey put on his mask.
(C) Joey and his sister won first prize.
(D) Joey flapped his cape in front of the mirror.
(E) Joey's family went to the party.

1	Can you name the presidents carved on Mount Rushmore?
2	Carving started on the amazing Mount Rushmore National Memorial in 1927. It
3	continued for 14 years, with the help of more than 350 people. The faces of four
4	presidents are carved into the mountainside: George Washington, Thomas
5	Jefferson, Abraham Lincoln, and Theodore Roosevelt. A special group chose these
6	presidents because they best represented the "foundation, expansion and
7	preservation" of the United States.
8	A sculptor named Gutzon Borglum was asked to design Mount Rushmore. He
9	chose the dramatic setting for this sculpture in the Black Hills of South Dakota. He
10	decided that the best way to remove large pieces of rock from the mountain was to
11	use dynamite. He and his workers became skilled at carving Mount Rushmore using
12	carefully placed dynamite. In fact, more than 90 percent of the mountain was
13	carved by dynamite! The rest was finished using air hammers. The faces of the
14	presidents were finished one by one: Washington in 1930, Jefferson in 1936,
15	Lincoln in 1937 and Roosevelt in 1939.
16	Today, Mount Rushmore is one of the most familiar monuments in the United
17	States, with more than 2.7 million visitors each year. America's Library

139. Which is <u>true</u> of the Mount Rushmore National Memorial?
(A) It was finished in 1927.
(B) About 35 people helped to make it.
(C) It took fourteen years to do.
(D) Four presidents agreed to build it.

140. The sentence "A special group…" (lines 5-7) tells the ____ those presidents were chosen.
(A) reason
(B) location
(C) time
(D) language

141. What did Gutzon Borglum do?
(A) sell Mount Rushmore
(B) start a tour of the Black Hills
(C) discover South Dakota
(D) design a mountain sculpture

142. Mount Rushmore was created mainly with the use of
(A) more than 90 carving tools.
(B) air hammers.
(C) large pieces of rock.
(D) dynamite.

143. Which of the presidents' faces was finished second to last?
(A) George Washington's
(B) Thomas Jefferson's
(C) Abraham Lincoln's
(D) Theodore Roosevelt's

144. Read the last sentence. You can tell that Mount Rushmore gets lots of _____ every year.
(A) new reports
(B) tourists
(C) familiar faces
(D) money